

Bitte beachten Sie: Dieses Dokument wurde automatisch erstellt und ist kein Ersatz für das Originaldokument des Herstellers.

## Product Datasheet

### SMED-1 FBM-10-1606

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | SMED-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Artikelnummer            | FBM-10-1606                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Hersteller Artikelnummer | 10-1606                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Alternativnummer         | FBM-10-1606-5MG,FBM-10-1606-25MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Produktbeschreibung      | Dexamethasone sensitizer...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Molekulargewicht         | 372.89                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reinheit                 | 98% by TLC, NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Formulierung             | pale grey solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Formel                   | C <sub>21</sub> H <sub>25</sub> ClN <sub>2</sub> O <sub>2</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Anwendungsbeschreibung   | <p>A dexamethasone (Dex) sensitizer. SMED-1 was discovered in a screen designed to identify compounds that sensitize Dex-resistant ALL xenografts to Dex.<sup>1</sup> The assay employed Dex-resistant ALL-19 cells which are resistant at concentrations up to 850 µM. In contrast ALL-3 cells are sensitive to nanomolar concentrations of Dex (IC<sub>50</sub>=12 nM).<sup>2</sup> SMED-1 displays strong synergism at 10 µM plus 1 µM Dex and exhibits little activity alone (IC<sub>50</sub>&gt;20 µM). SMED-1 is Dex-synergistic in ALL-3, ALL-4 and ALL-16 xenografts but is antagonistic with ALL-31. Synergy is highest when drugs are given simultaneously.<sup>1</sup></p> |