

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

## Product Datasheet

### Formoterol hemifumarate FBM-10-5092

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Formoterol hemifumarate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Artikelnummer            | FBM-10-5092                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Hersteller Artikelnummer | 10-5092                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Alternativnummer         | FBM-10-5092-10MG,FBM-10-5092-50MG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Hersteller               | Focus Biomolecules                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Kategorie                | Biochemikalien                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Produktbeschreibung      | beta2 adrenergic agonist...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Molekulargewicht         | 402.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Reinheit                 | 99% by HPLC NMR (Conforms)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Formulierung             | White or off-white solid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CAS Nummer               | [43229-80-7]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Formel                   | C <sub>19</sub> H <sub>24</sub> N <sub>2</sub> O <sub>4</sub> 1/2 C <sub>4</sub> H <sub>4</sub> O <sub>4</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Anwendungsbeschreibung   | Potent, long-acting agonist specific to beta2 (K <sub>i</sub> = 7.6 nM), but not beta1 (K <sub>i</sub> > 2.6 µM), adrenergic receptors in trachea (pD <sub>2</sub> = 9.3) over atrium (pD <sub>2</sub> = 7.0). <sup>1,2</sup> Reduces adhesion and superoxide anion production in cultured activated eosinophils. <sup>3</sup> Reverses cachexia in rats and mice via inhibition of the ATP-ubiquitin-dependent proteolytic system. <sup>4</sup> Rescues LPS-induced motor function deficits and nigrostriatal dopamine loss in a rat model of Parkinsons. <sup>5</sup> Clinically useful for respiratory diseases. |