

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

Product Datasheet

IMR-1, CAS [[310456-65-6]] FBM-10-3601

Artikelname	IMR-1, CAS [[310456-65-6]]
Artikelnummer	FBM-10-3601
Hersteller Artikelnummer	10-3601
Alternativnummer	FBM-10-3601-5MG,FBM-10-3601-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Notch transcriptional activation inhibitor...
Molekulargewicht	353.41
Reinheit	98% by TLC NMR (Conforms)
Formulierung	Yellow solid
CAS Nummer	[310456-65-6]
Formel	C15H15NO5S2
Anwendungsbeschreibung	Inhibitor of Mastermind Recruitment-1 (IMR-1) disrupts the recruitment of Mastermind-like 1 to the Notch transcriptional activation complex (NTC) on chromatin, which attenuates Notch target gene transcription ¹ . IC ₅₀ =26 M (in vitro assay). IMR-1 inhibits the growth of Notch-dependent cell lines and attenuates the growth of patient-derived tumor xenografts. The ethylester is hydrolyzed by intracellular esterases which produces the free acid compound (IMR-1A), IC ₅₀ =0.5 M (in vitro assay). Binding of IMR-1 to NTC is non-covalent and reversible. ¹