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Product Datasheet

Carfilzomib FBM-10-1477

Artikelname	Carfilzomib
Artikelnummer	FBM-10-1477
Hersteller Artikelnummer	10-1477
Alternativnummer	FBM-10-1477-5MG,FBM-10-1477-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Proteasome inhibitor...
Molekulargewicht	719.93
Reinheit	98% by TLC, NMR (Conforms)
Formulierung	White solid
CAS Nummer	[868540-17-4]
Formel	C40H57N5O7
Anwendungsbeschreibung	A potent and irreversible proteasome inhibitor. ¹ Synthetic analog of the microbial product epoxomicin. ² Compared to bortezomib it displays equal potency but greater selectivity for the chymotrypsin-like activity of the proteasome. In cell culture it is more cytotoxic than bortezomib and hematologic tumor cells exhibit greater sensitivity than solid tumor cells. Treatment of cells with carfilzomib results in the accumulation of proteasome substrates and induction of cell cycle arrest and/or apoptosis. ³ Effective against multiple myeloma. ⁴ Active in vivo.