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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	C21H25CIN2O2
Anwendungsbeschreibung	A dexamethasone (Dex) sensitizer. SMED-1 was discovered in a screen designed to identify compounds that sensitize Dex-resistant ALL xenografts to Dex.¹ 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 (IC₅₀=12 nM).² SMED-1 displays strong synergism at 10 μM plus 1 μM Dex and exhibits little activity alone (IC₅₀>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.¹