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Product Datasheet

Brequinar sodium, CAS [[96201-88-6]] FBM-10-3965

Artikelname	Brequinar sodium, CAS [[96201-88-6]]
Artikelnummer	FBM-10-3965
Hersteller Artikelnummer	10-3965
Alternativnummer	FBM-10-3965-10MG,FBM-10-3965-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Dihydroorotate dehydrogenase inhibitor, antiviral...
Molekulargewicht	397.35
Reinheit	99% by HPLC NMR Conforms
Formulierung	White to off-white solid
CAS Nummer	[96201-88-6]
Formel	C ₂₃ H ₁₄ F ₂ NO ₂ Na
Anwendungsbeschreibung	Brequinar sodium is an inhibitor of dihydroorotate dehydrogenase (DHODH) ^{1,2} with IC ₅₀ s between 0.2 and 5.8 μM in various cell lines ³ and 20 nM in isolated enzyme ⁴ . It reduced leukemic cell burden, decreased levels of leukemia-initiating cells, and improved survival in human and mouse models of acute myeloid leukemia. ⁴ Brequinar displayed broad antiviral activity against flaviviruses, positive-strand RNA alphaviruses, negative-strand RNA rhabdoviruses, Influenza A and B viruses, and HIV. ^{5,6,7}