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Product Datasheet

Dubermatinib, CAS [[1341200-45-0]]
FBM-10-4679

Artikelname	Dubermatinib, CAS [[1341200-45-0]]
Artikelnummer	FBM-10-4679
Hersteller Artikelnummer	10-4679
Alternativnummer	FBM-10-4679-5MG,FBM-10-4679-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	AXL inhibitor...
Molekulargewicht	516.06
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	White solid
CAS Nummer	[1341200-45-0]
Formel	C ₂₄ H ₃₀ ClN ₇ O ₂ S
Anwendungsbeschreibung	Potent (IC₅₀ = 27 nM) inhibitor of the TAM family kinase AXL.¹ It displayed potent activity against the pancreatic tumor cell line PSN-1 (IC₅₀ = 6 nM). Dubermatinib also strongly inhibited the kinases Aurora A/B, JAK2, ABL1, and CHEK1. It induced apoptosis in chronic lymphocytic leukemia (CLL) cells and acted synergistically with BTK inhibitors against CLL cells.² It inhibited neuroblastoma cell growth and enhanced sensitivity to conventional chemotherapy.³ Dubermatinib was also active in a drug-resistant acute myeloid leukemia model⁴ and reduced metastasis and therapy resistance in pancreatic cancer models⁵.