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Product Datasheet

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

Article Name	Dubermatinib, CAS [[1341200-45-0]]
Biozol Catalog Number	FBM-10-4679
Supplier Catalog Number	10-4679
Alternative Catalog Number	FBM-10-4679-5MG,FBM-10-4679-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	AXL inhibitor...
Molecular Weight	516.06
Purity	98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[1341200-45-0]
Formula	C24H30ClN7O2S
Application Notes	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.