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Product Datasheet

BT2, CAS [[34576-94-8]] FBM-10-4717

Article Name	BT2, CAS [[34576-94-8]]
Biozol Catalog Number	FBM-10-4717
Supplier Catalog Number	10-4717
Alternative Catalog Number	FBM-10-4717-10MG,FBM-10-4717-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	BCKDC kinase inhibitor...
Molecular Weight	247.10
Purity	95% by TLC NMR (Conforms)
Form	Off-white solid
CAS Number	[34576-94-8]
Formula	C ₉ H ₄ Cl ₂ O ₂ S
Application Notes	BT2 is an inhibitor of the mitochondrial branched-chain alpha-ketoacid dehydrogenase complex kinase (BCKDC) - IC ₅₀ = 3.19 µM. ¹ Inhibition of this kinase has been shown to reduce levels of branched-chain amino acid concentrations in vivo. BT2 has also been shown to be a moderate inhibitor (K _i = 59 µM) of myeloid cell leukemia 1(Mcl 1), a Bcl-2 family protein. ²