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Product Datasheet

TPCA-1 FBM-10-5571

Article Name	TPCA-1
Biozol Catalog Number	FBM-10-5571
Supplier Catalog Number	10-5571
Alternative Catalog Number	FBM-10-5571-5MG,FBM-10-5571-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	Selective inhibitor of IkappaB kinase 2 (IKK2)...
Molecular Weight	229.29
Purity	98% by TLC NMR (Conforms)
Form	Pale yellow solid
CAS Number	[507475-17-4]
Formula	C12H10FN3O4S
Application Notes	Selective inhibitor of IkappaB kinase 2 (IKK2) (IC50 = 17.9 nM). ¹ Inhibits production of pro-inflammatory cytokines in arthritis and other animal models of inflammation. ^{1,2} Also attenuates NLRP3 inflammasome activation in THP-1 myeloid cells, and suppresses IL1beta-induced proliferation, migration, and invasion of HeLa cells. ^{3,4} Continuous exposure to TPCA-1 promotes expansion of hematopoietic stem/progenitor cells (HSPCs) via improved glycolysis and limited ROS production. ⁵