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Product Datasheet

TG003, CAS [[719277-26-6]]

FBM-10-1292

Artikelname	TG003, CAS [[719277-26-6]]
Artikelnummer	FBM-10-1292
Hersteller Artikelnummer	10-1292
Alternativnummer	FBM-10-1292-5MG,FBM-10-1292-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	Clk family kinase inhibitor...
Molekulargewicht	249.33
Reinheit	98% by HPLC NMR (Conforms)
Formulierung	Light yellow solid
CAS Nummer	[719277-26-6]
Formel	C13H15NO2S
Anwendungsbeschreibung	Potent, ATP-competitive inhibitor of Clk-family kinases (IC50s = 15, 20 and 200 nM for mClk4, 1 and 2 respectively and >10 µM for mClk3)1. Also inhibits DYRK1A/B (IC50s = 24 and 34 nM respectively)2. Suppresses serine/arginine-rich protein phosphorylation, dissociation of nuclear speckles and Clk1/Sty-dependent alternative splicing in mammalian cells1. Affects the regulation of alternative splicing by phosphorylation of SR protein both in vitro and in vivo. Promotes skipping of exon 31 in the endogenous dystrophin gene3. Increases levels of Clk1/4 mature mRNAs by promoting splicing of the intron-retaining RNAs4.