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Product Datasheet

NHI-2, CAS [[1269802-97-2]] FBM-10-4555

Artikelname	NHI-2, CAS [[1269802-97-2]]
Artikelnummer	FBM-10-4555
Hersteller Artikelnummer	10-4555
Alternativnummer	FBM-10-4555-10MG,FBM-10-4555-50MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	LDHA inhibitor...
Molekulargewicht	335.28
Reinheit	98% by HPLC, NMR (Confirms)
Formulierung	Off-white solid
CAS Nummer	[1269802-97-2]
Formel	C17H12F3NO3
Anwendungsbeschreibung	NHI-2 is a selective inhibitor of Lactate Dehydrogenase A (LDHA) - IC50 in vitro = 14.7 µM (NADH), 10.5 µM (Pyruvate). ¹ NHI-2 has also shown cellular growth inhibitory effects against pancreatic cancer cells (PANC-1 cells IC50 = 22.2 µM normoxic and 4.0 µM hypoxic, LPC006 cells IC50 = 17.8 µM normoxic and 1.1 µM hypoxic) with increased efficacy in a cancer cells hypoxic environment. ² LDHA is a key enzyme involved in the Warburg effect and a cancer cells ability to survive in a hypoxic environment.