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Product Datasheet

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

Article Name	NHI-2, CAS [[1269802-97-2]]
Biozol Catalog Number	FBM-10-4555
Supplier Catalog Number	10-4555
Alternative Catalog Number	FBM-10-4555-10MG,FBM-10-4555-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	LDHA inhibitor...
Molecular Weight	335.28
Purity	98% by HPLC, NMR (Confirms)
Form	Off-white solid
CAS Number	[1269802-97-2]
Formula	C17H12F3NO3
Application Notes	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.