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Product Datasheet

HD2, CAS [[2543578-57-8]] FBM-10-4370

Article Name	HD2, CAS [[2543578-57-8]]
Biozol Catalog Number	FBM-10-4370
Supplier Catalog Number	10-4370
Alternative Catalog Number	FBM-10-4370-5MG,FBM-10-4370-25MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	DCN1 inhibitor...
Molecular Weight	426.84
Purity	>98% by HPLC NMR (Conforms)
Form	White solid
CAS Number	[2543578-57-8]
Formula	C18H14ClF3N4OS
Application Notes	HD2 is a potent (IC ₅₀ = 2.96 nM) inhibitor of DCN1, an important co-E3 ligase of neddylation. Displays favorable pharmacokinetics and low toxicity (including no hepatotoxicity). Selective against other DCN family members as well as ACE. HD2 reduced the migration and proliferation of Ang II-treated cardiac fibroblasts. Active in an isoproterenol-induced pathological cardiac remodeling and fibrosis mouse model. HD2 is a promising new therapeutic option for treatment of cardiac remodeling and fibrosis.