MOLNOVA
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Datasheet (Version 1.0)

Product Name	:	M-31850
Synonyms	:	1H-Benz[de]isoquinoline-1,3(2H)-dione, 2,2'-(iminodi-2,1-ethanediyl)bis-
Cat No.	:	M24195
CAS Number	:	281224-40-6
Molecular Formula	:	C28H21N3O4
Formula Weight	:	463.5
Chemical Name	:	——
Description	:	M-31850 is a potent, selective and competitive β-hexosaminidase (Hex) inhibitor(human HexA and human HexB with IC50s of 6.0 μM and 3.1 μM, respectively). IT also competitively inhibits β-N-acetyl-D-hexosaminidase OfHex2 with a Ki of 2.5 μM.
Pathway	:	Others
Target	:	Other Targets
Receptor	:	β-hexosaminidase (Hex)
Solubility	:	DMSO:5 mg/mL?(10.79 mM;?ultrasonic and adjust pH to 6 with HCl)
SMILES	:	C1=CC2=C3C(=C1)C(=O)N(C(=O)C3=CC=C2)CCNCCN4C(=O)C5=CC=CC6=C5C(=CC=C6)C4=O
Storage	:	(-20℃)
Stability	:	≥ 2 years
Reference	:	

1.Michael B Tropak, et al. High-throughput screening for human lysosomal beta-N-Acetyl hexosaminidase inhibitors acting as pharmacological chaperones. Chem Biol. 2007 Feb;14(2):153-64.

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