

Product Datasheet

Tideglusib (orb1304574)

Catalog Number	orb1304574
Category	Small Molecules
Description	Tideglusib (NP031112) is a non-ATP competitive GSK-3 inhibitor exhibiting neuroprotective and anti-inflammatory properties. It has been investigated in preclinical models for neurodegenerative diseases, including Alzheimer's disease, demonstrating therapeutic potential in both in vitro and in vivo experimental studies.
Target	GSK-3
Purity	99.84% (May vary between batches)
MW	334.39
Target Areas	GSK-3
Solubility (25°C)	10% DMSO+40% PEG300+5% Tween 80+45% Saline:2 mg/mL (5.98 mM);Ethanol:15 mg/mL (44.9 mM)
CAS Number	865854-05-3
Formula	$C_{19}H_{14}N_2O_2S$
SMILES	<chem>O=c1sn(-c2cccc3ccccc23)c(=O)n1Cc1ccccc1</chem>
Storage	Powder: -20°C for 3 years In solvent: -80°C for 1 year Shipping with blue ice/Shipping at ambient temperature.
Note	For research use only
Expiration Date	12 months from date of receipt.

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