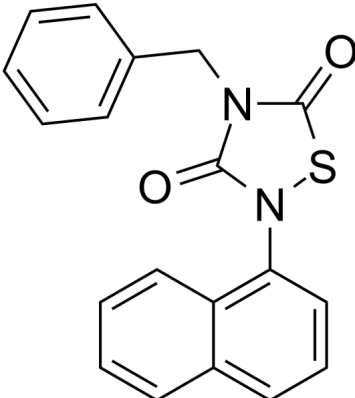


Data Sheet

Product Information

Catalog Number	BP22329
Product Name	Tideglusib
Description	Tideglusib, a non-ATP competitive inhibitor of glycogen synthase kinase 3 (GSK-3), is with anti-inflammatory and neuroprotective activities.
Targets&IC50	GSK-3 β :60 nM
Synonyms	NP-12, NP031112
CAS No.	865854-05-3
Chemical Formula	C ₁₉ H ₁₄ N ₂ O ₂ S
Molecular Weight	334.39
Solubility	Ethanol: <1 mg/mL DMSO: >15 mg/mL(44.9 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	 The chemical structure of Tideglusib is shown. It features a naphthalene ring system connected at the 1-position to a 1,3,4-oxadiazole ring. The 5-position of the oxadiazole ring is substituted with a benzyl group (a benzene ring attached to a methylene group).

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