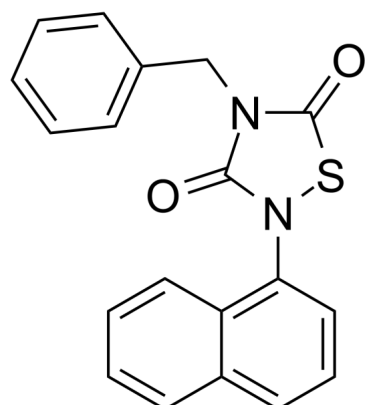


## Certificate of Analysis

Catalog Number	BP22329
Product Name	Tideglusib

## Physical and Chemical Properties

Synonyms	NP-12, NP031112
CAS No.	865854-05-3
Chemical Formula	C <sub>19</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> 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	

## Product Information

Description	Tideglusib, a non-ATP competitive inhibitor of glycogen synthase kinase 3 (GSK-3), is with anti-inflammatory and neuroprotective activities.
Targets&IC50	GSK-3β:60 nM

## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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