

Tideglusib(NP031112, NP-12)

Cat. No. CEI-0930

Lot. No. (See product label)

Introduction

Description

Tideglusib (NP031112, NP-12) is an irreversible, non ATP-competitive GSK-3 β inhibitor with IC₅₀ of 60 nM; fails to inhibit kinases with a Cys homologous to Cys-199 located in the active site. Phase 1/2.

Product Information

CAS No. 865854-05-3

Molecular Formula C₁₉H₁₄N₂O₂S

Chemical Name 1,2,4-Thiadiazolidine-3,5-dione, 2-(1-naphthalenyl)-4-(phenylmethyl)-

Molecular Weight 334.39

Targets GSK-3 β

IC₅₀ 60 nM

Solubility DMSO 1 mg/mL; Water <1 mg/mL; Ethanol <1 mg/mL

Storage and Shipping Information

Storage 2 years -20 centigrade Powder; 2 weeks 4 centigrade in DMSO; 6 months -80 centigrade in DMSO.