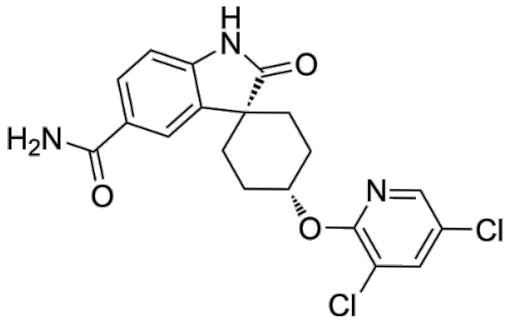
Product Data Sheet

Product Name: IP6K-IN-2
Cat. No.: GC81452

Chemical Properties

Cas. No.	3024590-83-5		
Formula	$C_{19}H_{17}Cl_2N_3O_3$	M.Wt	406.26
Solubility	DMSO: 33.33 mg/mL (82.04 mM; Need ultrasonic)	Storage	Store at -20°C, sealed storage, away from moisture and light
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			



Background

IP6K-IN-2 is an inositol hexakisphosphate kinase (IP6K1) inhibitor that inhibits IP6K1 enzyme activity with an IC_{50} value of 110 nM. IP6K-IN-2 can be used for the research of neurological disease and CNS disorders [1].

References:

[1]. Heitmann T, et al. Identification and Characterization of a Blood-Brain Barrier Penetrant Inositol Hexakisphosphate Kinase (IP6K) Inhibitor. J Med Chem. 2024;67(16):13639-13665.

Caution: Product has not been fully validated for medical applications. For research use only.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA