



LKT Laboratories, Inc.

IWP-2

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Product Information

Product ID I9060

CAS No. 686770-61-6

Chemical Name

Synonym IWP2

Formula $C_{22}H_{18}N_4O_2S_3$

Formula Wt. 466.60

Melting Point

Purity $\geq 98\%$

Solubility DMF 22 mg/mL warmed
(47.14 mM)

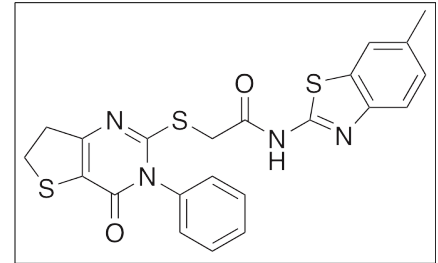
DMSO 4 mg/mL warmed
(8.57 mM)

Water Insoluble

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description IWP-2 is an inhibitor of PORCN that inhibits Wnt signaling, exhibiting anticancer activity. IWP-2 increases activity of caspases 3 and 7, inhibiting proliferation, migration, and invasion of gastric cancer cells and colorectal cancer cells.



Bulk quantities available upon request

Product ID	Size
I9060	1 mg
I9060	5 mg
I9060	10 mg
I9060	25 mg

References Frewer KA, Sanders AJ, Owen S, et al. A role for WISP2 in colorectal cancer cell invasion and motility. *Cancer Genomics Proteomics*. 2013 Jul-Aug;10(4):187-96. PMID: 23893926.

Mo ML, Li MR, Chen Z, et al. Inhibition of the Wnt palmitoyltransferase porcupine suppresses cell growth and downregulates the Wnt/B-catenin pathway in gastric cancer. *Oncol Lett*. 2013 May;5(5):1719-1723. PMID: 23761839.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.