



Product Information

Product ID S0928

CAS No. 891494-63-6

Chemical Name

Synonym MK-8776

Formula C₁₅H₁₈BrN₇

Formula Wt. 376.25

Melting Point

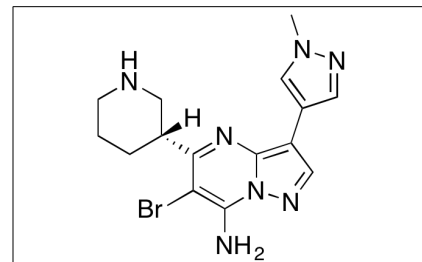
Purity ≥98%

Solubility DMSO 3 mg/mL (7.97 mM)
Water Insoluble
Ethanol Insoluble

Store Temp 4° C

Ship Temp Ambient

Description SCH-900776 is an inhibitor of checkpoint kinase (CHK) 1 that exhibits anticancer chemotherapeutic activity. SCH-900776 is currently in clinical trials as a potential co-administered treatment for cancer. With other chemotherapeutics, SCH-900776 induces double-stranded DNA strand breaks and cell death.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
S0928	1 mg	\$131.00
S0928	5 mg	\$260.80
S0928	10 mg	\$434.80

References Dai Y, Chen S, Kmiecik M, et al. The novel Chk1 inhibitor MK-8776 sensitizes human leukemia cells to HDAC inhibitors by targeting the intra-S checkpoint and DNA replication and repair. *Mol Cancer Ther.* 2013 Jun;12(6):878-89. PMID: 23536721.

Karp JE, Thomas BM, Greer JM, et al. Phase I and pharmacologic trial of cytosine arabinoside with the selective checkpoint 1 inhibitor Sch 900776 in refractory acute leukemias. *Clin Cancer Res.* 2012 Dec 15;18(24):6723-31. PMID: 23092873.

Guzi TJ, Paruch K, Dwyer MP, et al. Targeting the replication checkpoint using SCH 900776, a potent and functionally selective CHK1 inhibitor identified via high content screening. *Mol Cancer Ther.* 2011 Apr;10(4):591-602. PMID: 21321066.

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