



LKT Laboratories, Inc.

**MK-2461**

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)

Web: [lktlabs.com](http://lktlabs.com)

## Product Information

Product ID M4004

CAS No. 917879-39-1

### Chemical Name

Synonym MK2461

Formula  $C_{24}H_{25}N_5S$

Formula Wt. 495.55

### Melting Point

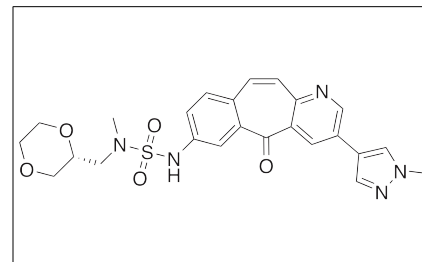
Purity  $\geq 99\%$

Solubility DMSO 99 mg/mL (199.77 mM)  
Water Insoluble  
Ethanol Insoluble

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

Ship Temp Ambient

**Description** MK-2461 is an inhibitor of MET that also shows inhibition of FGFR and PDGFR. In animal models of glioblastoma and gastric cancer, MK-2461 exhibits anticancer chemotherapeutic activity, decreasing tumor growth and size.



**Bulk quantities available upon request**

Product ID	Size
M4004	1 mg
M4004	5 mg

**References** Katz JD, Jewell JP, Guerin DJ, et al. Discovery of a 5H-benzo[4,5]cyclohepta[1,2-b]pyridin-5-one (MK-2461) inhibitor of c-Met kinase for the treatment of cancer. J Med Chem. 2011 Jun 23;54(12):4092-108. PMID: 21608528.

Pan BS, Chan GK, Chenard M, et al. MK-2461, a novel multitargeted kinase inhibitor, preferentially inhibits the activated c-Met receptor. Cancer Res. 2010 Feb 15;70(4):1524-33. PMID: 20145145.

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