



LKT Laboratories, Inc.

EPZ-5676

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Product Information

Product ID E6398

CAS No. 1380288-87-8

Chemical Name

Synonym

Formula $C_{30}H_{42}N_8O_3$

Formula Wt. 562.71

Melting Point

Purity $\geq 98\%$

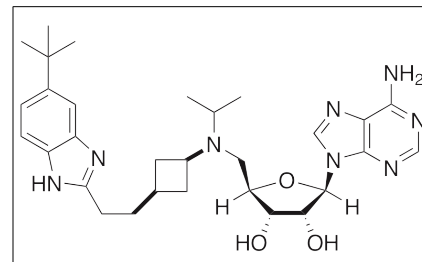
Solubility DMSO 100 mg/mL
warmed (177.71 mM)
Ethanol 92 mg/mL warmed
(163.49 mM)

Water Insoluble

Store Temp 4°C

Ship Temp Ambient

Description EPZ-5676 is an inhibitor of DOT1L histone methyltransferase (HMT) that exhibits anticancer chemotherapeutic activity. In acute myelogenous leukemia (AML) cells with MLL gene translocations, EPZ-5676 displays cytotoxicity; in similar animal models, this compound induces tumor regression without toxicity.



Bulk quantities available upon request

Product ID	Size
E6398	1 mg
E6398	5 mg
E6398	10 mg

References Basavapathruni A, Olhava EJ, Daigle SR, et al. Nonclinical pharmacokinetics and metabolism of EPZ-5676, a novel DOT1L histone methyltransferase inhibitor. *Biopharm Drug Dispos.* 2014 Jan 10. [Epub ahead of print]. PMID: 24415392.

Daigle SR, Olhava EJ, Therkelsen CA, et al. Potent inhibition of DOT1L as treatment of MLL-fusion leukemia. *Blood.* 2013 Aug 8;122(6):1017-25. PMID: 23801631.

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