



LKT Laboratories, Inc.

EPZ005687

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Product Information

Product ID E6396

CAS No. 1396772-26-1

Chemical Name 1-cyclopentyl-N-[(4,6-dimethyl-2-oxo-1H-pyridin-3-yl)methyl]-6-[4-(morpholin-4-ylmethyl)phenyl]indazole-4-carboxamide

Synonym

Formula C₃₂H₃₇N₅O₃

Formula Wt. 539.67

Melting Point

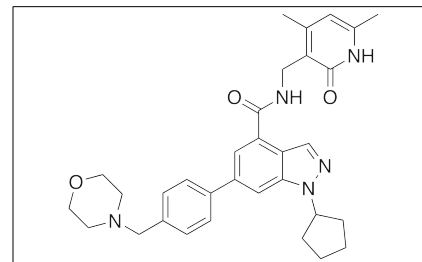
Purity ≥99%

Solubility DMSO 2 mg/mL (3.7 mM)
Water Insoluble
Ethanol Insoluble

Store Temp -20°C

Ship Temp Ambient

Description EPZ-005687 is a highly selective inhibitor of mutant EZH2, a histone methyltransferase (HMT) that exhibits point mutations at key residues Tyr641 and Ala677 in non-Hodgkin's lymphoma and other cancers. EPZ-005687 displays anticancer chemotherapeutic activity through its inhibition of EZH2; this enzyme is responsible for methylation of lysine and arginine residues and controls gene transcription fidelity in cells. Inhibition of mutant EZH2 induces apoptosis.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
E6396	1 mg	\$54.50
E6396	5 mg	\$106.30
E6396	25 mg	\$354.40
E6396	100 mg	\$1063.00

References Knutson SK, Wigle TJ, Warholik NM, et al. A selective inhibitor of EZH2 blocks H3K27 methylation and kills mutant lymphoma cells. Nat Chem Biol. 2012 Nov;8(11):890-6. PMID: 23023262.

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