



LKT Laboratories, Inc.

ZM-336372

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Product Information

Product ID Z4833

CAS No. 208260-29-1

Chemical Name Benzamide, 3-(dimethylamino)-N-[3-[(4-hydroxybenzoyl)amino]-4-methylphenyl]-

Synonym

Formula C₂₃H₂₃N₃O₃

Formula Wt. 389.45

Melting Point

Purity ≥98%

Solubility DMSO 78 mg/mL (200.28 mM)

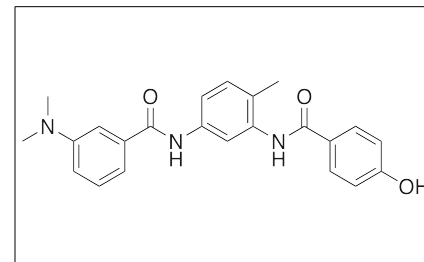
Ethanol 2 mg/mL (5.13 mM)

Water Insoluble

Store Temp -20°C

Ship Temp Ambient

Description ZM-336372 is a small molecule that acts as a tyrosine kinase inhibitor and c-Raf activator. ZM-336372 exhibits anticancer chemotherapeutic activity, increasing apoptosis, suppressing tumor growth, upregulating expression of cell cycle inhibitors, and decreasing neuroendocrine vasoactive peptide production in a variety of cell types.



Bulk quantities available upon request

Product ID	Size
Z4833	5 mg
Z4833	25 mg

References Deming D, Geiger P, Chen H, et al. ZM336372 induces apoptosis associated with phosphorylation of GSK-3beta in pancreatic adenocarcinoma cell lines. *J Surg Res.* 2010 Jun 1;161(1):28-32. PMID: 20031160.

Deming D, Geiger P, Chen H, et al. ZM336372, a Raf-1 activator, causes suppression of proliferation in a human hepatocellular carcinoma cell line. *J Gastrointest Surg.* 2008 May;12(5):852-7. PMID: 18299943.

Kappes A, Vaccaro A, Kunnimalaiyaan M, et al. ZM336372, a Raf-1 activator, inhibits growth of pheochromocytoma cells. *J Surg Res.* 2006 Jun 1;133(1):42-5. PMID: 16603190.

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