



LKT Laboratories, Inc.

Defactinib

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Product Information

Product ID D1722

CAS No. 1073154-85-4

Chemical Name

Synonym VS-6063, PF-04554878

Formula $C_{20}H_{21}F_3N_8O_3S$

Formula Wt. 510.49

Melting Point

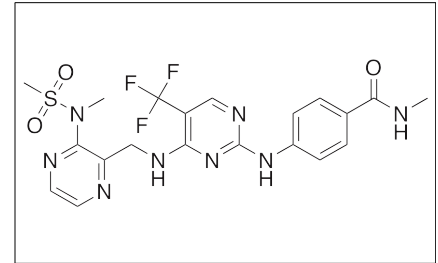
Purity $\geq 98\%$

Solubility DMSO 5 mg/mL warmed
(9.79 mM)
Water Insoluble
Ethanol Insoluble

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

Ship Temp Ambient

Description Defactinib inhibits FAK and displays anticancer activity. In ovarian cancer models, this compound decreases cell proliferation, induces apoptosis, and decreases tumor weight.



Bulk quantities available upon request

Product ID	Size
D1722	5 mg
D1722	25 mg
D1722	100 mg

References Lee BY, Timpson P, Horvath LG, et al. FAK signaling in human cancer as a target for therapeutics. *Pharmacol Ther.* 2015 Feb;146C:132-149. PMID: 25316657.

Kang Y, Hu W, Ivan C, et al. Role of focal adhesion kinase in regulating YB-1-mediated paclitaxel resistance in ovarian cancer. *J Natl Cancer Inst.* 2013 Oct 2;105(19):1485-95. PMID: 24062525.

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