



LKT Laboratories, Inc.

TAK-632

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Product Information

Product ID T0140

CAS No. 1228591-30-7

Chemical Name

Synonym TAK632

Formula $C_{27}H_{18}F_4N_4O_3S$

Formula Wt. 554.52

Melting Point

Purity $\geq 99\%$

Solubility DMSO 100 mg/mL (180.33 mM)

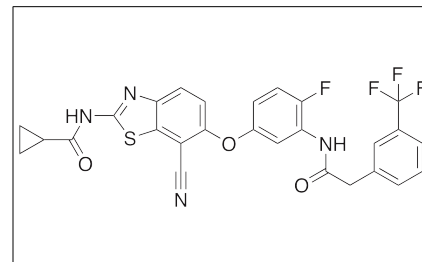
Ethanol 2 mg/mL (3.6 mM)

Water Insoluble

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

Ship Temp Ambient

Description TAK 632 is a benzothiazole pan-Raf inhibitor that displays anticancer chemotherapeutic activity. TAK 632 induces dimerization of Raf but prevents kinase activity. This compound inhibits cellular proliferation of melanoma cells and inhibits tumor growth in animal models of melanoma.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T0140	1 mg	\$77.20
T0140	5 mg	\$142.60
T0140	10 mg	\$216.80
T0140	25 mg	\$452.10

References Nakamura A, Arita T, Tsuchiya S, et al. Antitumor activity of the selective pan-RAF inhibitor TAK-632 in BRAF inhibitor-resistant melanoma. *Cancer Res.* 2013 Dec 1;73(23):7043-55. PMID: 24121489.

Okaniwa M, Hirose M, Arita T, et al. Discovery of a selective kinase inhibitor (TAK-632) targeting pan-RAF inhibition: design, synthesis, and biological evaluation of C-7-substituted 1,3-benzothiazole derivatives. *J Med Chem.* 2013 Aug 22;56(16):6478-94. PMID: 23906342.

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