



LKT Laboratories, Inc.

AGI-6780

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Product Information

Product ID A2532

CAS No. 1432660-47-3

Chemical Name

Synonym AGI 6780, AGI6780

Formula $C_{21}H_{18}F_3N_3O_3S_2$

Formula Wt. 481.51

Melting Point

Purity $\geq 98\%$

Solubility DMSO 96 mg/mL (199.37 mM)

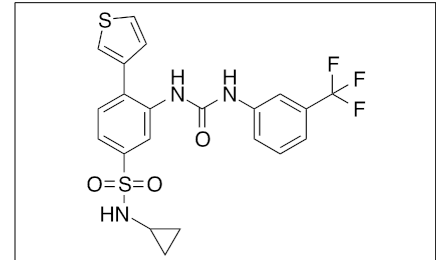
Ethanol 96 mg/mL (199.37 mM)

Water Insoluble

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

Ship Temp Ambient

Description AGI-6780 is an inhibitor of isocitrate dehydrogenase (IDH) that displays anticancer activity. This compound induces differentiation in acute myeloid leukemia (AML) and TF-1 erythroleukemia cells.



Bulk quantities available upon request

Product ID	Size
A2532	1 mg
A2532	5 mg
A2532	25 mg

References Lee WY, Chen KC, Chen HY, et al. Potential mitochondrial isocitrate dehydrogenase R140Q mutant inhibitor from traditional Chinese medicine against cancers. *Biomed Res Int.* 2014;2014:364625. PMID: 24995286.

Wang F, Travins J, DeLaBarre B, et al. Targeted inhibition of mutant IDH2 in leukemia cells induces cellular differentiation. *Science.* 2013 May 3;340(6132):622-6. PMID: 23558173.

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