

Product Data Sheet

Product Name: ASLAN003

Cat. No.: GC38463

Chemical Properties

Cas. No. 1035688-66-4

SMILES O=C(C1=CC=CN=C1NC2=C(F)C=C(C3=CC=CC(OC)=C3)C=C2F)O

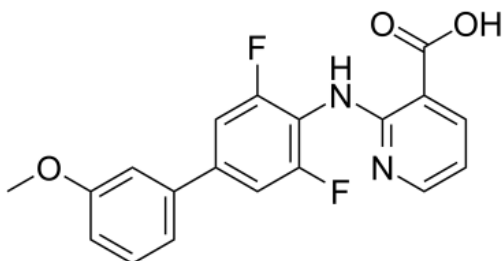
Formula $C_{19}H_{14}F_2N_2O_3$ M.Wt 356.32

Solubility DMSO: 130 mg/mL (364.84 mM) Storage Store at -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

ASLAN003 is an orally active and potent inhibitor of DHODH (Human Dihydroorotate Dehydrogenase) which has the potential to be a first-in-class candidate in AML (Acute Myelogenous Leukemia). ASLAN003 has antitumor activity[1].

[1]. Marco L. Lolli, et al. Human Dihydroorotate Dehydrogenase (hDHODH) as a new target on Acute

Caution: Product has not been fully validated for medical applications. For research use only.

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Myelogenous Leukemia (AML): Targeting Myeloid Differentiation using Potent and Innovative hDHODH Inhibitors. 23rd Swedish Conference on Macromolecular Structure and Function TÄllberg, 14-17 June 2019

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