

Product Data Sheet

Product Name: Lp-PLA2-IN-3

Cat. No.: GC39397

Chemical Properties

Cas. No. 2196245-16-4

SMILES O=S(C1=CC=C(N)C=C1)(NC2=CC=C(OC3=CC=C(Cl)C(C(F)(F)F)=C3)C(C#N)=C2)=O

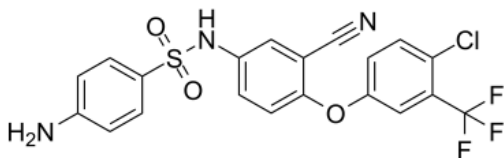
Formula C20H13ClF3N3O3S M.Wt 467.85

Solubility DMSO: ≥ 250 mg/mL (534.36 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

Lp-PLA2-IN-3 is a potent and orally bioavailable lipoprotein-associated phospholipase A2 (Lp-PLA2) inhibitor, with an IC₅₀ of 14 nM for recombinant human Lp-PLA2 (rhLpPLA2)[1].

[1]. Liu Q, et al. Structure-Guided Discovery of Novel, Potent, and Orally Bioavailable Inhibitors of Lipoprotein-Associated Phospholipase A2. J Med Chem. 2017 Dec 28;60(24):10231-10244.

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

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