
Product Data Sheet

Product Name: SC-1
Cat. No.: GC25899

Chemical Properties

Cas. No. 1313019-65-6

Formula C₂₁H₁₃ClF₃N₃O₂

M.Wt 431.8

Solubility DMSO: 86 mg/mL (199.17 mM); Water: Insoluble; Ethanol:
86 mg/mL (199.17 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

SC-1 (1-(4-Chloro-3-(trifluoromethyl)phenyl)-3-(4-(4-cyanophenoxy)phenyl)urea, STAT3-IN-7), a Sorafenib analogue and potently inhibits the phosphorylation of STAT3, induces cell apoptosis through SHP-1 dependent STAT3 inactivation.

[1] Liu CY, et al. Breast Cancer Res. 2013;15(4):R63.

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

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