

Product Data Sheet

Product Name: p38 MAPK-IN-1

Cat. No.: GC33008

Chemical Properties

Cas. No. 1006378-90-0

SMILES FC1=CC(F)=C(C2=CC=NC(C2=CC=[NH+]3[O-])=C3C4=C(C)C=CC=C4)C=C1

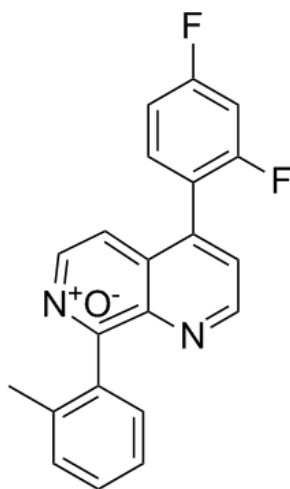
Formula $C_{21}H_{15}F_2N_2O$ M.Wt 349.35

Solubility DMSO: 8.33 mg/mL (23.84 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

p38 MAPK-IN-1 is a novel potent and selective inhibitor of p38 MAPK with IC₅₀ of 68 nM, shows sustained levels, low clearance and good bioavailability.

[1]. Lumeras W, et al. 1,7-Naphthyridine 1-oxides as novel potent and selective inhibitors of p38 mitogen activated protein kinase. J Med Chem. 2011 Nov 24;54(22):7899-910.

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

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