

Product Data Sheet

Product Name: GSK-843

Cat. No.: GC34606

Chemical Properties

Cas. No. 1601496-05-2

SMILES NC1=NC=C(C2=CC(C)=NN2C)C3=C1C(C4=CC=C(SC=N5)C5=C4)=CS3

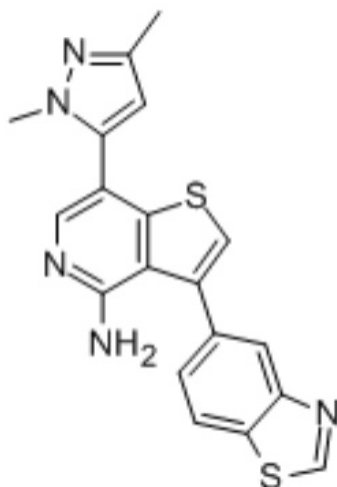
Formula $C_{19}H_{15}N_5S_2$ M.Wt 377.49

Solubility DMSO : 50 mg/mL (132.45 mM; Need ultrasonic) 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

GSK-843 is a receptor-interacting protein kinase 3 (RIP3 or RIPK3) inhibitor, which binds RIP3 kinase domain with an IC₅₀ of 8.6 nM, and inhibits kinase activity with an IC₅₀ of 6.5 nM[1]. IC₅₀: 6.5 nM (RIP3)[1]

[1]. Mandal P, et al. RIP3 induces apoptosis independent of pronecrotic kinase activity. Mol Cell. 2014 Nov 20;56(4):481-95.

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

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