

Product Data Sheet

Product Name: GTP 14564

Cat. No.: GC43795

Chemical Properties

Cas. No. 34823-86-4

SMILES C12=CC=CC=C1OC3=C2NN=C3C4=CC=CC=C4

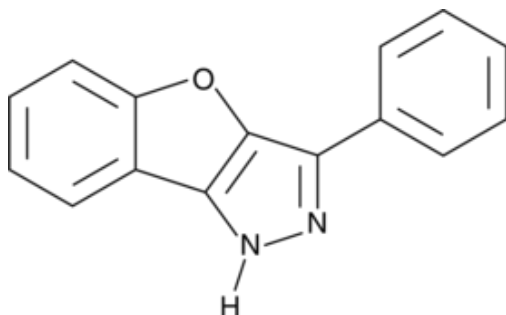
Formula C15H10N2O M.Wt 234.3

Solubility DMF: 30 mg/ml, DMSO: 30 mg/ml, DMSO:PBS(pH 7.2) (1:2): 0.3 mg/ml, Ethanol: 1 mg/ml
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

GTP 14564 is an inhibitor of class III receptor tyrosine kinases (IC₅₀s = 0.3 μM for c-Fms, c-Kit, ITD-FLT3 and 1 μM for PDGFRβ). It is without effect against a panel of non-receptor tyrosine and serine/threonine kinases. GTP 14564 blocks the proliferation of leukemia cells stimulated with FLT3 ligand by preventing the activation of STAT5.

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

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