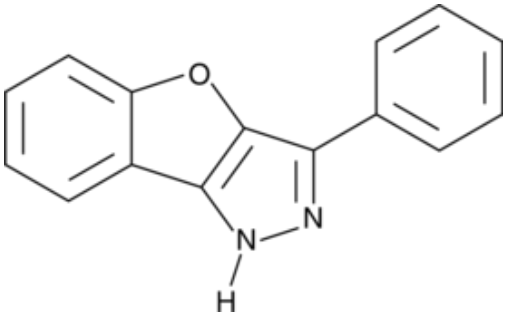
Product Data Sheet

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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