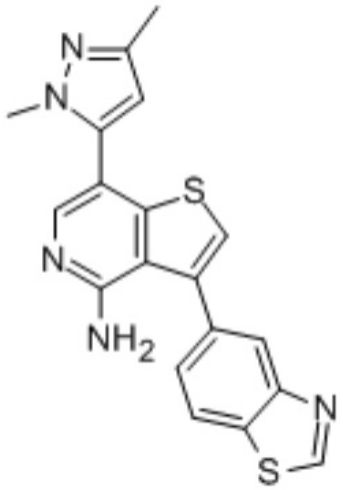
Product Data Sheet

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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