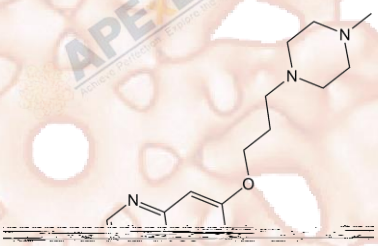
Product Data Sheet

Bosutinib (SKI-606)



Cat. No.: A2149

CAS No.: 380843-75-4

Formula: C26H29Cl2N5O3

M.Wt: 530.45

Synonyms:

Target: TGF-ß / Smad Signaling

Pathway: Bcr-Abl

Storage: Store at -20℃

In Vitro

ů 26.5 mg/mL in DMSO; insoluble in H2O; ů 2.16 mg/mL in EtOH with ultrasonic

Preparing Stock Solutions

Mass / Solvent / Concentration	1mg	5mg	10mg
1 mM	1.8852 mL	9.4260 mL	18.8519 mL
5 mM	0.3770 mL	1.8852 mL	3.7704 mL
10 mM	0.1885 mL	0.9426 mL	1.8852 mL

Please refer to the solubility information to select the appropriate solvent.

Shortsummary	Potent Abl/Src kinases
IC५ & Target	1.2 nM (c-Src), 1 nM (Abl)

In Vitro

Cell Viability Assay

Cell Line:	MDA-MB-468, MDA-MB-231, MCF-7 and MDA-MB-435 cells
Preparation method	The solubility of this compound in DMSO is >10 mM. General tips for obtaining a higher concentration: Please warm the tube at 37 ℃ for 10 minutes and/or shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ for several months.
Reacting conditions:	1 ε 48 hours