

Product Name : Rigosertib

Synonyms : ON-01910

Cat No. : M10864

CAS Number : 1225497-78-8

Molecular Formula : C₂₁H₂₄NNaO₈S

Formula Weight : 473.47

Chemical Name : —

Description : Rigosertib (ON-01910) is a non-ATP-competitive inhibitor of PLK1 with IC₅₀ of 9 nM. It shows 30-fold greater selectivity against Plk2 and no activity to Plk3. Phase 3.

Pathway : Cell Cycle/DNA Damage

Target : PLK

Receptor : PLK1

Solubility : Water: 95 mg/mL (200.64 mM); DMSO: 95 mg/mL (200.64 mM)

SMILES : COC1=C(C=C(C=C1)CS(=O)(=O)/C=C/C2=C(C=C(C=C2OC)OC)OC)NCC(=O)[O-].[Na+]

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Gumireddy K, et al. Y Cell, 2005, 7(3), 275-286.

