

Product Name : Dasatinib monohydrate

Synonyms : —

Cat No. : M16248

CAS Number : 863127-77-9

Molecular Formula : C₂₂H₂₈ClN₇O₃S

Formula Weight : 506.03

Chemical Name : —

Description : Dasatinib is an oral dual BCR/ABL and Src family tyrosine kinase inhibitor approved for use in patients with chronic myelogenous leukemia (CML). The main targets of Dasatinib, are BCRABL, SRC, Ephrins and GFR.

Pathway : Tyrosine Kinase

Target : Bcr-Abl

Receptor : Abl; c-Kit (D816V); c-Kit (wt); EphA2; Src

Solubility : DMSO: 21 mg/mL warmed (41.5 mM)

SMILES : O.CC1=NC(=CC(NC2=NC=C(S2)C(=O)NC2=C(C)C=CC=C2Cl)=N1)N1CCN(CCO)CC1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.O'Hare T, et al. Y Res. 2005, 65(11), 4500-4505.

