

Product Data Sheet

Product Name: CK2 inhibitor 10

Cat. No.: GB40147

Chemical Properties

Cas. No. 1361229-76-6

Formula $C_{18}H_{14}N_2O_4S$ M.Wt 354.38

Solubility Storage

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

Potent and ATP-competitive inhibitor of protein kinase (CK2; IC50 values of 32 nM and 46 nM for CK2 α and CK2 α' respectively). At 0.30 μ M, compound 10 exhibited a >50% inhibitory effect against 9 out of 70 other kinases besides CK2 α and CK2 α' , while at 30 nM >75% inhibition was observed for two other kinases (DYRK1B and FLT3) only. It exhibited potent cytotoxicity towards lung cancer cells A549, colorectal cancer cells HCT-116, and breast cancer cells MCF-7.

Caution: Product has not been fully validated for medical applications. For research use only.

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