

Product Data Sheet

Product Name: Dynapyrazole A

Cat. No.: GC50685

Chemical Properties

Cas. No. 2226517-75-3

SMILES C1C=CC=C(C2(C3=NN4C(NC(C5=CC(I)=CC=C45)=O)=C3C#N)CC2)C=C1

Formula C₂₀H₁₂ClIN₄O

M.Wt 486.7

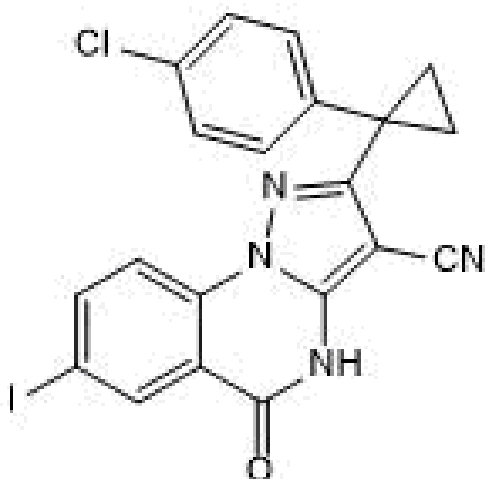
Solubility DMSO[9.73|20|

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

Dynein inhibitor. Inhibits dynein 1 and dynein 2-dependent microtubule gliding (IC₅₀ values are 2.3

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

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and 2.6 μM , respectively). Inhibits hedgehog signaling in vitro ($\text{IC}_{50} = 1.9 \mu\text{M}$). Displays reversible inhibition of retrograde and anterograde intraflagellar transport in *Chlamydomonas*; displays stronger inhibition of retrograde transport.

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