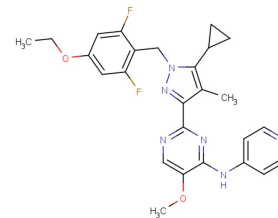


BAY-320

Chemical Properties

CAS No.:	1445830-50-1
Formula:	C ₂₆ H ₂₆ F ₂ N ₆ O ₂
Molecular Weight:	492.52
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

**Biological Description**

Description	BAY-320 is a Bub1 inhibitor. With an IC ₅₀ of 680 nM for human Bub1 in the presence of 2 mM ATP.
Targets(IC ₅₀)	human Bub1, 2 mM ATP: 680 nM

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.03 mL	10.152 mL	20.304 mL
5 mM	0.406 mL	2.03 mL	4.061 mL
10 mM	0.203 mL	1.015 mL	2.03 mL
50 mM	0.041 mL	0.203 mL	0.406 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Baron AP, et al. Probing the catalytic functions of Bub1 kinase using the small molecule inhibitors BAY-320 and BAY-524. Elife. 2016 Feb 17;5. pii: e12187.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481