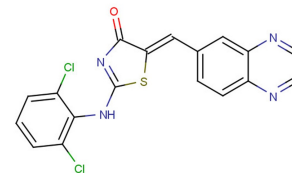


GSK-626616

## Chemical Properties

CAS No.:	1025821-33-3
Formula:	C <sub>18</sub> H <sub>10</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>5</sub>
Molecular Weight:	401.27
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	GSK-626616 is a potent and orally bioavailable DYRK3 inhibitor (IC <sub>50</sub> : 0.7 nM). It inhibits other members of the DYRK family with similar potency. GSK-626616 is a potential therapy for the treatment of anemia.
Targets(IC <sub>50</sub> )	DYRK3: 0.7 nM

## Solubility Information

Solubility	DMSO: 50 mg/mL (124.60 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.492 mL	12.46 mL	24.921 mL
5 mM	0.498 mL	2.492 mL	4.984 mL
10 mM	0.249 mL	1.246 mL	2.492 mL
50 mM	0.05 mL	0.249 mL	0.498 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. Connie L. Erickson-Miller, et al. GSK626616: A DYRK3 Inhibitor as a Potential New Therapy for the Treatment of Anemia. Blood 2007 110:510;

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:[info@targetmol.com](mailto:info@targetmol.com)

Address:36 Washington Street,Wellesley Hills,MA 02481