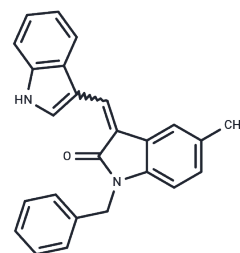


## Tyrosine kinase-IN-11

### Chemical Properties

CAS No. : 3031972-21-8  
 Formula: C<sub>25</sub>H<sub>20</sub>N<sub>2</sub>O  
 Molecular Weight: 364.44  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
*Actual storage temperature shall be subject to the COA.*



### Biological Description

Description	Tyrosine kinase-IN-11 is a potent multi-target tyrosine kinase inhibitor. It suppresses proliferation and migration in drug-resistant solid tumor cell lines by competitively binding to the kinase ATP-binding domain and blocking growth factor receptor phosphorylation cascades.
Targets(IC50)	Tyrosinase

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7439 mL	13.7197 mL	27.4394 mL
5 mM	0.5488 mL	2.7439 mL	5.4879 mL
10 mM	0.2744 mL	1.372 mL	2.7439 mL
50 mM	0.0549 mL	0.2744 mL	0.5488 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

Conductier G, et al. 3,4-N-methylenedioxymethamphetamine-induced hypophagia is maintained in 5-HT1B receptor knockout mice, but suppressed by the 5-HT2C receptor antagonist RS102221. *Neuropsychopharmacology*. 2005 Jun;30(6):1056-63.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481