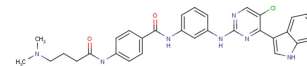


Chemical Properties

Storage: 0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	THZ1-R displays diminished activity for CDK7 inhibition(Kd:142 nM).
Targets(IC ₅₀)	CDK7: 146 nM
In vitro	THZ1-R shows lower affinity at CDK7 than THZ1(IC ₅₀ : 146 nM).

Solubility Information

Solubility	DMSO: 100 mg/mL (176.03 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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	1mg	5mg	10mg
1 mM	1.76 mL	8.802 mL	17.603 mL
5 mM	0.352 mL	1.76 mL	3.521 mL
10 mM	0.176 mL	0.88 mL	1.76 mL
50 mM	0.035 mL	0.176 mL	0.352 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.

1. Kwiatkowski N, et al. Targeting transcription regulation in cancer with a covalent CDK7 inhibitor. *Nature*. 2014 Jul 31;511(7511):616-20.

Inhibitors · Natural Compounds · Compound Libraries

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