

CRX000227

## Chemical Properties

CAS No. : 686769-92-6

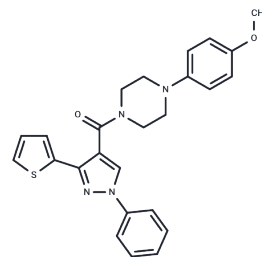
Formula: C<sub>25</sub>H<sub>24</sub>N<sub>4</sub>O<sub>2</sub>S

Molecular Weight: 444.55

Keep away from direct sunlight

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	CRX000227 is an effective 11β-HSD1 inhibitor. It improves insulin sensitivity by lowering local glucocorticoid levels in metabolic research.
Targets(IC50)	Dehydrogenase

## Solubility Information

Solubility	DMSO: 80 mg/mL (179.96 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2495 mL	11.2473 mL	22.4947 mL
5 mM	0.4499 mL	2.2495 mL	4.4989 mL
10 mM	0.2249 mL	1.1247 mL	2.2495 mL
50 mM	0.045 mL	0.2249 mL	0.4499 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

Niemand J, et al. Chemogenomic Fingerprints Associated with Stage-Specific Gametocytocidal Compound Action against Human Malaria Parasites. ACS Infect Dis. 2021 Oct 8;7(10):2904-2916.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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