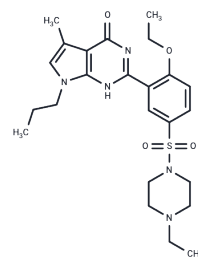


## Yonkenafil

## Chemical Properties

CAS No. :	804518-63-6
Formula:	C <sub>24</sub> H <sub>33</sub> N <sub>5</sub> O <sub>4</sub> S
Molecular Weight:	487.61
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	Yonkenafil (Tunodafil), a novel phosphodiesterase 5 (PDE5) inhibitor, effectively reduces cerebral infarction, neurological deficits, edema, and neuronal damage in the infarcted area, potentially enhancing cognitive function through neurogenesis modulation and offering therapeutic effects on Alzheimer's disease.
Targets(IC50)	Others,PDE

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0508 mL	10.2541 mL	20.5082 mL
5 mM	0.4102 mL	2.0508 mL	4.1016 mL
10 mM	0.2051 mL	1.0254 mL	2.0508 mL
50 mM	0.041 mL	0.2051 mL	0.4102 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.

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

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