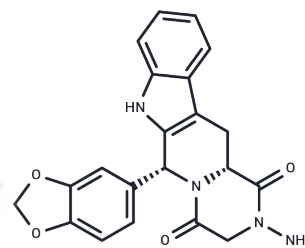


## Amino Tadalafil

## Chemical Properties

CAS No. :	385769-84-6
Formula:	C <sub>21</sub> H <sub>18</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	390.39
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	Amino tadalafil is a potent phosphodiesterase 5 (PDE5) inhibitor.
Targets(IC50)	PDE

## Solubility Information

Solubility	DMSO: 55 mg/mL (140.88 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	2.5615 mL	12.8077 mL	25.6154 mL
5 mM	0.5123 mL	2.5615 mL	5.1231 mL
10 mM	0.2562 mL	1.2808 mL	2.5615 mL
50 mM	0.0512 mL	0.2562 mL	0.5123 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

Hadwiger M E , Trehy M L , Ye W , et al. Identification of amino-tadalafil and rimonabant in electronic cigarette products using high pressure liquid chromatography with diode array and tandem mass spectrometric detection [J]. Journal of Chromatography A, 2010, 1217(48):7547-7555.

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