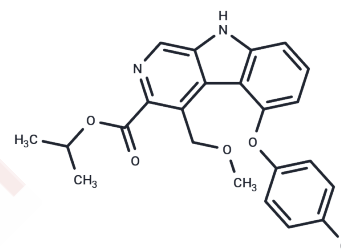


## Gedocarnil

## Chemical Properties

CAS No. :	109623-97-4
Formula:	C <sub>23</sub> H <sub>21</sub> ClN <sub>2</sub> O <sub>4</sub>
Molecular Weight:	424.88
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Gedocarnil(ZK 113315) may be used to study diseases of the central nervous system.
Targets(IC50)	Others,Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 50 mg/mL (117.68 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	2.3536 mL	11.768 mL	23.5361 mL
5 mM	0.4707 mL	2.3536 mL	4.7072 mL
10 mM	0.2354 mL	1.1768 mL	2.3536 mL
50 mM	0.0471 mL	0.2354 mL	0.4707 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

Horowski R. FG 7142: is this validated tool to study anxiety now forgotten? J Neural Transm (Vienna). 2020 Feb;127(2):287-289.

Kishi T,et al. Efficacy and tolerability of Z-drug adjunction to antidepressant treatment for major depressive disorder: a systematic review and meta-analysis of randomized controlled trials. Eur Arch Psychiatry Clin Neurosci. 2017 Mar;267(2):149-161.

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