

## (+)-Picumeterol

## Chemical Properties

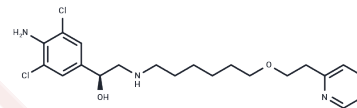
CAS No. : 139423-79-3

Formula: C<sub>21</sub>H<sub>29</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight: 426.38

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	(+)-Picumeterol is a mixture of all configurations of Picumeterol.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (117.27 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	2.3453 mL	11.7266 mL	23.4533 mL
5 mM	0.4691 mL	2.3453 mL	4.6907 mL
10 mM	0.2345 mL	1.1727 mL	2.3453 mL
50 mM	0.0469 mL	0.2345 mL	0.4691 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

- Barrow A, et al. Kinetics and disposition of picumeterol in animals. *Xenobiotica*. 1995 Sep;25(9):993-1007.  
Weersink EJ, et al. Picumeterol: dissociation of improvement in lung function and reduction of airways hyperresponsiveness in asthmatics. *Br J Clin Pharmacol*. 1997 Feb;43(2):169-76.

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