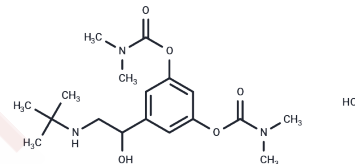


## Bambuterol hydrochloride

## Chemical Properties

CAS No. : 81732-46-9  
 Formula: C<sub>18</sub>H<sub>30</sub>ClN<sub>3</sub>O<sub>5</sub>  
 Molecular Weight: 403.91  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Bambuterol hydrochloride (KWD-2183 hydrochloride) , a long-acting beta-adrenoceptor agonist, is utilized for the treating of asthma.
Targets(IC50)	Adrenergic Receptor,AChR

## Solubility Information

Solubility	DMSO: 50 mg/mL (123.79 mM),Sonication is recommended. H <sub>2</sub> O: 66 mg/mL (163.4 mM),Sonication is recommended. Ethanol: 8 mg/mL (19.81 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	2.4758 mL	12.379 mL	24.758 mL
5 mM	0.4952 mL	2.4758 mL	4.9516 mL
10 mM	0.2476 mL	1.2379 mL	2.4758 mL
50 mM	0.0495 mL	0.2476 mL	0.4952 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.

## Reference

Rosberg B, et al. Eur J Clin Pharmacol. 1993; 45(2):147-50.

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