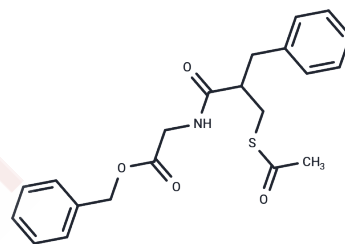


## Racecadotril

## Chemical Properties

CAS No. : 81110-73-8  
 Formula: C<sub>21</sub>H<sub>23</sub>NO<sub>4</sub>S  
 Molecular Weight: 385.48  
 Appearance: no data available  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



## Biological Description

Description	Racecadotril (Acetorphan) has been investigated for the basic science and treatment of Diarrhea, Acute Diarrhea, and Acute Gastroenteritis.
Targets(IC50)	Neprilysin,Proteasome

## Solubility Information

Solubility	DMSO: 45 mg/mL (116.74 mM),Sonication is recommended. H <sub>2</sub> O: < 1 mg/mL (insoluble or slightly soluble), Ethanol: 71 mg/mL (184.19 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	2.5942 mL	12.9708 mL	25.9417 mL
5 mM	0.5188 mL	2.5942 mL	5.1883 mL
10 mM	0.2594 mL	1.2971 mL	2.5942 mL
50 mM	0.0519 mL	0.2594 mL	0.5188 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

Matheson AJ, Noble S. Drugs. 2000 Apr;59(4):829-35; discussion 836-7.

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