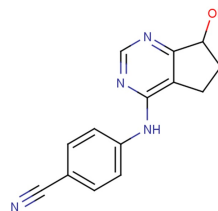


RS 8359

## Chemical Properties

CAS No.:	105365-76-2
Formula:	C <sub>14</sub> H <sub>12</sub> N <sub>4</sub> O
Molecular Weight:	252.27
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



## Biological Description

Description	RS 8359 is a selective and reversible inhibitor of MAO-A.
Targets(IC <sub>50</sub> )	Others: None
In vivo	RS-8359 displays little affinity for the common central nervous system receptors and little anticholinergic effect. When administered together with tyramine, RS 8359 shows relatively little effect upon blood pressure [1].

## Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.964 mL	19.82 mL	39.64 mL
5 mM	0.793 mL	3.964 mL	7.928 mL
10 mM	0.396 mL	1.982 mL	3.964 mL
50 mM	0.079 mL	0.396 mL	0.793 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

### Reference

1. Iwata N, et al. Pharmacology of the new reversible inhibitor of monoamine oxidase A, RS-8359. Int Clin Psychopharmacol. 1997 Sep;12 Suppl 5:S3-10.

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