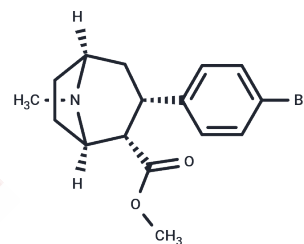


RTI-51

## Chemical Properties

CAS No. : 135367-08-7  
 Formula: C<sub>16</sub>H<sub>20</sub>BrNO<sub>2</sub>  
 Molecular Weight: 338.24  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
*Actual storage temperature shall be subject to the COA.*



## Biological Description

Description	RTI-51 significantly enhances locomotor activity and holds potential as a treatment compound for cocaine use. It exhibits a highly effective, selective, and long-lasting substitution effect, which can reduce drug-seeking behavior.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9565 mL	14.7824 mL	29.5648 mL
5 mM	0.5913 mL	2.9565 mL	5.913 mL
10 mM	0.2956 mL	1.4782 mL	2.9565 mL
50 mM	0.0591 mL	0.2956 mL	0.5913 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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