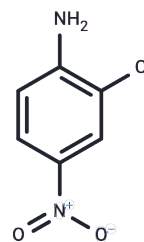


OR015002

## Chemical Properties

CAS No. : 121-87-9  
 Formula: C<sub>6</sub>H<sub>5</sub>ClN<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 172.57  
 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	OR015002 shows toxicity to <i>T. pyriformis</i> with log(IC <sub>50</sub> <sup>-1</sup> ) of 0.75.
Targets(IC <sub>50</sub> )	Others

## Solubility Information

Solubility	DMSO: 50 mg/mL (289.74 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	5.7947 mL	28.9737 mL	57.9475 mL
5 mM	1.1589 mL	5.7947 mL	11.5895 mL
10 mM	0.5795 mL	2.8974 mL	5.7947 mL
50 mM	0.1159 mL	0.5795 mL	1.1589 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

Schultz TW. Structure-toxicity relationships for benzenes evaluated with *Tetrahymena pyriformis*. Chem Res Toxicol. 1999 Dec;12(12):1262-7.

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