

## (Rac)-Cyclo-(L-Pro-L-Ile)-D4

## Chemical Properties

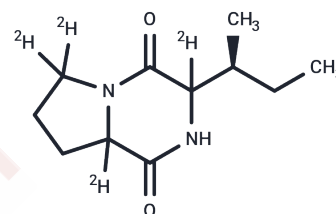
CAS No. :

Formula: C<sub>11</sub>H<sub>18</sub>N<sub>2</sub>O<sub>2</sub>

Molecular Weight: 214.30

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	(Rac)-Cyclo-(L-Pro-L-Ile)-D4 is a deuterated racemate of the cyclic dipeptide (diketopiperazine) cyclo-(L-Pro-L-Ile), commonly used as an internal standard in bioanalytical mass spectrometry.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6664 mL	23.3318 mL	46.6636 mL
5 mM	0.9333 mL	4.6664 mL	9.3327 mL
10 mM	0.4666 mL	2.3332 mL	4.6664 mL
50 mM	0.0933 mL	0.4666 mL	0.9333 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

Kuwano K, et al. 2-[4-[(5,6-diphenylpyrazin-2-yl)(isopropyl)amino]butoxy]-N-(methylsulfonyl)acetamide (NS-304), an orally available and long-acting prostacyclin receptor agonist prodrug. J Pharmacol Exp Ther. 2007 Sep;322(3): 1181-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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