

## Roflumilast N-Oxide-D4

## Chemical Properties

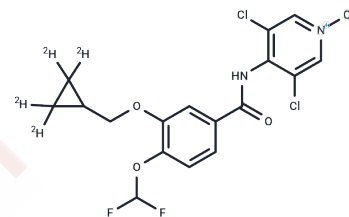
CAS No. :

Formula: C17H10D4Cl2F2N2O4

Molecular Weight: 423.23

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

Roflumilast N-Oxide-D4 is a deuterated compound of Roflumilast N-Oxide. Roflumilast N-Oxide (T4462) has a CAS number of 292135-78-5. Roflumilast N-oxide is a PDE type 4 inhibitor.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3628 mL	11.8139 mL	23.6278 mL
5 mM	0.4726 mL	2.3628 mL	4.7256 mL
10 mM	0.2363 mL	1.1814 mL	2.3628 mL
50 mM	0.0473 mL	0.2363 mL	0.4726 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

1. Victoni T, et al. Roflumilast n-oxide associated with PGE2 prevents the neutrophil elastase-induced production of chemokines by epithelial cells. *Int Immunopharmacol.* 2016 Jan;30:1-8.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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