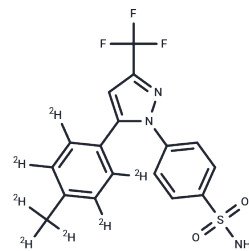


## Celecoxib-D7

## Chemical Properties

CAS No. :	544686-21-7
Formula:	C <sub>17</sub> H <sub>14</sub> F <sub>3</sub> N <sub>3</sub> O <sub>2</sub> S
Molecular Weight:	388.42
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	Celecoxib-D7 is the deuterated form of Celecoxib. Celecoxib (T0466) functions as a selective COX-2 inhibitor with an IC50 value of 40 nM.
Targets(IC50)	COX

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5745 mL	12.8727 mL	25.7453 mL
5 mM	0.5149 mL	2.5745 mL	5.1491 mL
10 mM	0.2575 mL	1.2873 mL	2.5745 mL
50 mM	0.0515 mL	0.2575 mL	0.5149 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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