

## Sulindac-D3

## Chemical Properties

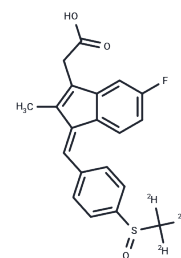
CAS No. :

Formula: C<sub>20</sub>H<sub>14</sub>D<sub>3</sub>F<sub>0</sub>S<sub>3</sub>

Molecular Weight: 359.43

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

Sulindac-D3 is a deuterated compound of Sulindac. Sulindac (T0459) has a CAS number of 38194-50-2. Sulindac (T0459) is a sulfinylindene derivative prodrug with potential antineoplastic activity. Converted in vivo to an active metabolite, sulindac, a nonsteroidal anti-inflammatory drug (NSAID), blocks cyclic guanosine monophosphate-phosphodiesterase (cGMP-PDE), an enzyme that inhibits the normal apoptosis signal pathway; this inhibition permits the apoptotic signal pathway to proceed unopposed, resulting in apoptotic cell death.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7822 mL	13.9109 mL	27.8218 mL
5 mM	0.5564 mL	2.7822 mL	5.5644 mL
10 mM	0.2782 mL	1.3911 mL	2.7822 mL
50 mM	0.0556 mL	0.2782 mL	0.5564 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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