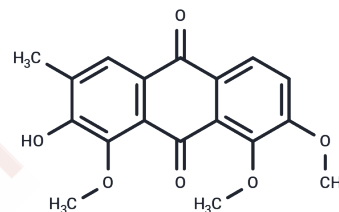


## OAT1/3-IN-2

## Chemical Properties

CAS No. : 2195434-05-8  
 Formula: C<sub>18</sub>H<sub>16</sub>O<sub>6</sub>  
 Molecular Weight: 328.32  
 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	OAT1/3-IN-2 (compound 8) is a dual inhibitor of OAT1 and OAT3, demonstrating potential protective effects against Cys-Hg toxicity in HEK-OAT1 cells (10 μM) and may safeguard renal function. This compound is useful for investigating mercury-induced nephrotoxicity [1].
Targets(IC50)	OAT

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0458 mL	15.229 mL	30.4581 mL
5 mM	0.6092 mL	3.0458 mL	6.0916 mL
10 mM	0.3046 mL	1.5229 mL	3.0458 mL
50 mM	0.0609 mL	0.3046 mL	0.6092 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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