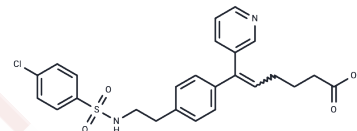


## (Iso)-Samixogrel

## Chemical Properties

CAS No. :	133276-52-5
Formula:	C <sub>25</sub> H <sub>25</sub> ClN <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	484.99
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	(Iso)-Samixogrel shows activity against Carbonic anhydrase and Cyclooxygenase 2.
Targets(IC50)	Carbonic Anhydrase, COX, Prostaglandin Receptor

## Solubility Information

Solubility	DMSO: 50 mg/mL (103.09 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0619 mL	10.3095 mL	20.619 mL
5 mM	0.4124 mL	2.0619 mL	4.1238 mL
10 mM	0.2062 mL	1.0309 mL	2.0619 mL
50 mM	0.0412 mL	0.2062 mL	0.4124 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

- Durdagi S, et al. Screening of Clinically Approved and Investigation Drugs as Potential Inhibitors of SARS-CoV-2: A Combined in silico and invitro Study. Mol Inform. 2022;41(2):e2100062.
- Peltason L, et al. SAR index: quantifying the nature of structure-activity relationships. J Med Chem. 2007;50(23):5571-5578.

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