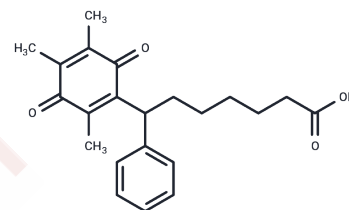


## Seratrodast

## Chemical Properties

CAS No. :	112665-43-7
Formula:	C <sub>22</sub> H <sub>26</sub> O <sub>4</sub>
Molecular Weight:	354.44
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Seratrodast (ABT-001) (INN), a thromboxane A <sub>2</sub> (TXA <sub>2</sub> ) receptor (TP receptor) antagonist, is mainly used in the therapy of asthma. It was the first TP receptor antagonist developed as an anti-asthmatic drug and attained marketing qualification in Japan in 1997.
Targets(IC <sub>50</sub> )	COX,PPAR,Prostaglandin Receptor

## Solubility Information

Solubility	DMSO: 50 mg/mL (141.07 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	2.8214 mL	14.1068 mL	28.2135 mL
5 mM	0.5643 mL	2.8214 mL	5.6427 mL
10 mM	0.2821 mL	1.4107 mL	2.8214 mL
50 mM	0.0564 mL	0.2821 mL	0.5643 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.

## Reference

Endo S, Akiyama K. Nihon Rinsho. 1996 Nov;54(11):3045-8.

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**This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use**

Tel:781-999-4286 E\_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481