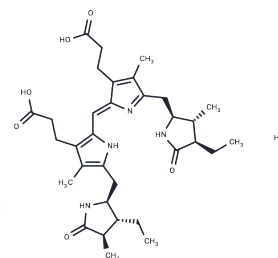


## Stercobilin hydrochloride (mixture of isomers)

## Chemical Properties

CAS No. :	13129-80-1
Formula:	C <sub>33</sub> H <sub>47</sub> ClN <sub>4</sub> O <sub>6</sub>
Molecular Weight:	631.20
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	Stercobilin hydrochloride (mixture of isomers) is a bile pigment metabolized by intestinal bacteria and also acts as an inhibitor of HIV protease (HIVProtease) with a $K_i$ of 4 $\mu$ M. This compound can induce pro-inflammatory activity in mouse macrophage RAW264 cells, including the production of TNF- $\alpha$ and IL-1 $\beta$ . Stercobilin hydrochloride (mixture of isomers) is utilized in research on inflammation and viral infections.
Targets(IC50)	HIV Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5843 mL	7.9214 mL	15.8428 mL
5 mM	0.3169 mL	1.5843 mL	3.1686 mL
10 mM	0.1584 mL	0.7921 mL	1.5843 mL
50 mM	0.0317 mL	0.1584 mL	0.3169 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**

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: 34 Washington Street, Wellesley Hills, MA 02481