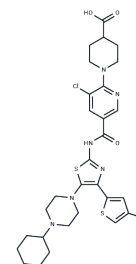


## Avatrombopag

## Chemical Properties

CAS No. :	570406-98-3
Formula:	C <sub>29</sub> H <sub>34</sub> Cl <sub>2</sub> N <sub>6</sub> O <sub>3</sub> S <sub>2</sub>
Molecular Weight:	649.65
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	Avatrombopag (YM477) is a new oral thrombopoietin (TPO) receptor agonist, activating TPO receptor and increasing megakaryocytic proliferation/differentiation and platelet production.
Targets(IC50)	Thrombin,Thrombopoietin Receptor
In vivo	Avatrombopag is treatment of thrombocytopenia in patients with CLD who are scheduled to undergo a procedure[1].

## Solubility Information

Solubility	DMSO: < 1 mg/mL (insoluble or slightly soluble), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5393 mL	7.6965 mL	15.3929 mL
5 mM	0.3079 mL	1.5393 mL	3.0786 mL
10 mM	0.1539 mL	0.7696 mL	1.5393 mL
50 mM	0.0308 mL	0.1539 mL	0.3079 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

Xu H, Cai R. Avatrombopag for the treatment of thrombocytopenia in patients with chronic liver disease. *Expert Rev Clin Pharmacol*. 2019 Sep;12(9):859-865

Al-Samkari H. Avatrombopag maleate for the treatment of periprocedural thrombocytopenia in patients with chronic liver disease. *Drugs Today (Barc)*. 2018 Nov;54(11):647-655.

**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](mailto:info@targetmol.com)    Address: 34 Washington Street, Wellesley Hills, MA 02481