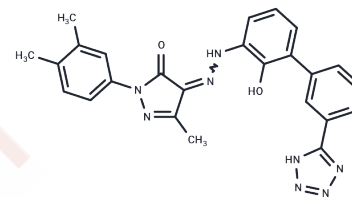


## TPO agonist 1

## Chemical Properties

CAS No. :	1033040-23-1
Formula:	C <sub>25</sub> H <sub>22</sub> N <sub>8</sub> O <sub>2</sub>
Molecular Weight:	466.49
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	TPO agonist 1 (TPO mimetic) is an effective thrombopoietin (TPO) agonist that promotes platelet and megakaryocyte production, suitable for thrombocytopenia research.
Targets(IC50)	Thrombin

## Solubility Information

Solubility	DMSO: ≥ 28 mg/mL, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1437 mL	10.7183 mL	21.4367 mL
5 mM	0.4287 mL	2.1437 mL	4.2873 mL
10 mM	0.2144 mL	1.0718 mL	2.1437 mL
50 mM	0.0429 mL	0.2144 mL	0.4287 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

Jerome Francis Hayes. Novel processes of making hydroxy-1-azo-derivatives as tpo mimetics. 6 November 2008. WO2008134338A1.

**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