

Product Information

Eltrombopag, Purity ≥98%

Cat. No.: X24-09-YM1169

Size: 10 mg; 50 mg; 100 mg; 200 mg

MDL: MFCD20926253

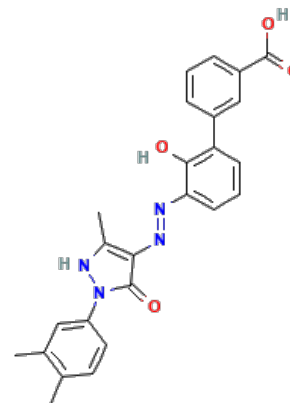
CAS Number: 496775-61-2

Compound CID: 135449332

Synonym: 496775-61-2; SB 497115; SB497115; SB-497115;

3-[3-[[2-(3,4-Dimethylphenyl)-5-methyl-3-oxo-1H

-pyrazol-4-yl]diazenyl]-2-hydroxyphenyl]benzoic acid



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	Eltrombopag, soluble in DMSO and insoluble in water and ethanol, is an agonist of the thrombopoietin (TPO) receptor. The molecular weight of the compound is 442.47, and its molecular formula is C ₂₅ H ₂₂ N ₄ O ₄ .
Molecular Weight	442.47
Molecular Formula	C ₂₅ H ₂₂ N ₄ O ₄
IUPAC Name	3-[3-[[2-(3,4-Dimethylphenyl)-5-methyl-3-oxo-1H-pyrazol-4-yl]diazenyl]-2-hydroxyphenyl]benzoic acid
InChI	InChI=1S/C25H22N4O4/c1-14-10-11-19(12-15(14)2)29-24(31)22(16(3)28-29)27-26-21-9-5-8-20(23(21)30)17-6-4-7-18(13-17)25(32)33/h4-13,28,30H,1-3H3,(H,32,33)
InChI Key	SVOQIEJWJCQGDQ-UHFFFAOYSA-N
Canonical SMILES	CC1=C(C=C(C=C1)N2C(=O)C(=C(N2)C)N=NC3=CC=CC(=C3O)C4=CC(=CC=C4)C(=O)O)C
Isomeric SMILES	CCCCCCCCCCCCCCCC(=O)NC1=NC(=O)N(C=C1)[C@H]2[C@H]([C@@H]([C@H](O2)CO)O)C#N
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	<i>In vitro</i> : DMSO (warmed): 22 mg/mL (49.72 mM); Water: insoluble; Ethanol: insoluble
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.



Quality Level	Research grade
Applications	Eltrombopag plays a key role in enhancing signaling pathways that stimulate megakaryocyte proliferation and differentiation.
Storage	Store at -20°C, and keep desiccated.
