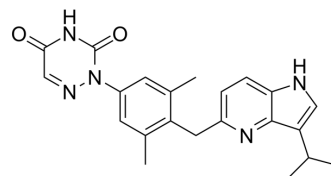


## THR-β agonist 5

Cat. No.:	HY-147055
CAS No.:	2542029-74-1
Molecular Formula:	C <sub>22</sub> H <sub>23</sub> N <sub>5</sub> O <sub>2</sub>
Molecular Weight:	389.45
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : ≥ 100 mg/mL (256.77 mM)  
\* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.5677 mL	12.8386 mL	25.6772 mL
	5 mM	0.5135 mL	2.5677 mL	5.1354 mL
	10 mM	0.2568 mL	1.2839 mL	2.5677 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

THR-β agonist 5 (compound 54) is a potent THR-β agonist, with an EC<sub>50</sub> of <50 nM<sup>[1]</sup>.

### REFERENCES

[1]. Koen Vanduyck, et al. MODULATORS OF THR-β AND METHODS OF USE THEREOF. WO2020227549A1.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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