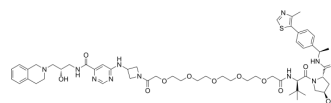


## MS4322 (isomer)

<b>Cat. No.:</b>	HY-141877B		
<b>CAS No.:</b>	2601727-80-2		
<b>Molecular Formula:</b>	C <sub>55</sub> H <sub>76</sub> N <sub>10</sub> O <sub>12</sub> S		
<b>Molecular Weight:</b>	1101.32		
<b>Target:</b>	PROTACs		
<b>Pathway:</b>	PROTAC		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 50 mg/mL (45.40 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	0.9080 mL	4.5400 mL	9.0800 mL
5 mM	0.1816 mL	0.9080 mL	1.8160 mL
10 mM	0.0908 mL	0.4540 mL	0.9080 mL

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

### BIOLOGICAL ACTIVITY

#### Description

MS4322 (YS43-22) isomer is an isomer of MS4322. MS4322 is a potent and selective PRMT5 (protein arginine methyltransferase 5) degrader, and inhibits growth of multiple cancer cell lines<sup>[1]</sup>.

#### IC<sub>50</sub> & Target

VHL

### REFERENCES

[1]. Shen Y, et al. Discovery of First-in-Class Protein Arginine Methyltransferase 5 (PRMT5) Degraders. J Med Chem. 2020 Sep 10;63(17):9977-9989.

---

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA