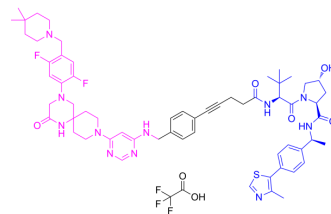


## WD6305 TFA

Cat. No.:	HY-160415A
Molecular Formula:	C <sub>63</sub> H <sub>76</sub> F <sub>5</sub> N <sub>11</sub> O <sub>7</sub> S
Molecular Weight:	1226.4
Target:	PROTACs; Apoptosis
Pathway:	PROTAC; Apoptosis
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 95 mg/mL (77.46 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent		Mass		
	Concentration		1 mg	5 mg	10 mg
	1 mM		0.8154 mL	4.0770 mL	8.1539 mL
	5 mM		0.1631 mL	0.8154 mL	1.6308 mL
	10 mM		0.0815 mL	0.4077 mL	0.8154 mL

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

### BIOLOGICAL ACTIVITY

#### Description

WD6305 TFA is a potent METTL3-targeted PROTAC degrader. WD6305 TFA selectively reduces the METTL3 and METTL14 complex. WD6305 TFA inhibits m<sup>6</sup>A modification and the proliferation of AML cells and promotes apoptosis. WD6305 TFA can be used for the research of leukemic<sup>[1]</sup>.

### REFERENCES

[1]. Du W, et al. Discovery of a PROTAC degrader for METTL3-METTL14 complex. Cell Chem Biol. 2024 Jan 2:S2451-9456(23)00439-7

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

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