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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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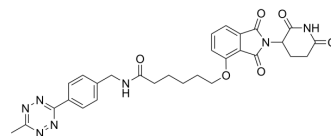
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Tz-Thalidomide

Cat. No.:	HY-101460
CAS No.:	2087490-42-2
Molecular Formula:	C ₂₉ H ₂₉ N ₇ O ₆
Molecular Weight:	571.58
Target:	Ligands for E3 Ligase; Epigenetic Reader Domain
Pathway:	PROTAC; Epigenetics
Storage:	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 (87.48 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.7495 mL	8.7477 mL	17.4954 mL
	5 mM		0.3499 mL	1.7495 mL	3.4991 mL
	10 mM		0.1750 mL	0.8748 mL	1.7495 mL

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

BIOLOGICAL ACTIVITY

Description

Tz-Thalidomide is a tetrazine tagged Thalidomide (HY-14658) (Ligands for E3 Ligase). Tz-Thalidomide has binding affinity for BRD4, with IC₅₀s of 46.25 μM (BRD4-1) and 62.55 μM (BRD4-2). Tz-Thalidomide is a click chemistry reagent, it contains a Tetrazine group that can undergo an inverse electron demand Diels-Alder reaction (iEDDA) with molecules containing TCO groups^[1].

IC₅₀ & Target

46.25 μM (BRD4-1), 62.55 μM (BRD4-2)^[1]

REFERENCES

[1]. Lebraud H, et al. Protein Degradation by In-Cell Self-Assembly of Proteolysis Targeting Chimeras. ACS Cent Sci. 2016 Dec 28;2(12):927-934.

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

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