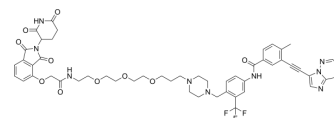


## SB1-G-187

Cat. No.:	HY-137342
CAS No.:	2769753-18-4
Molecular Formula:	C <sub>52</sub> H <sub>54</sub> F <sub>3</sub> N <sub>9</sub> O <sub>10</sub>
Molecular Weight:	1022.03
Target:	PROTACS
Pathway:	PROTAC
Storage:	-20°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (97.84 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	0.9784 mL	4.8922 mL	9.7844 mL
		5 mM	0.1957 mL	0.9784 mL	1.9569 mL
	10 mM	0.0978 mL	0.4892 mL	0.9784 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: 5 mg/mL (4.89 mM); Suspended solution; Need ultrasonic				
	2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 5 mg/mL (4.89 mM); Clear solution				

### BIOLOGICAL ACTIVITY

Description	SB1-G-187, a PROTAC, is a multi-kinase degrader <sup>[1]</sup> . SB1-G-187 is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.
-------------	--

### REFERENCES

[1]. Katherine A Donovan, et al. Mapping the Degradable Kinome Provides a Resource for Expedited Degradation Development. Cell. 2020 Dec 10;183(6):1714-1731.e10.

---

**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