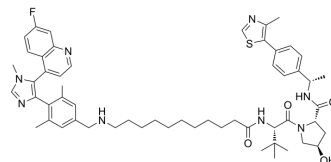


## PROTAC NSD3 degrader-1

Cat. No.:	HY-155816
Molecular Formula:	C <sub>56</sub> H <sub>71</sub> FN <sub>8</sub> O <sub>4</sub> S
Molecular Weight:	971.28
Target:	PROTACs
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

PROTAC NSD3 degrader-1 (compound 56) is a PROTAC targeting to Nuclear receptor binding SET domain protein NSD3. PROTAC NSD3 degrader-1 specifically induces NSD3 degradation with DC50 values of 1.43 and 0.94  $\mu$ M in lung cancer cells NCI-H1703 and A549, respectively. PROTAC NSD3 degrader-1 suppresses the methylation of H3K36, induces apoptosis, and causes cell-cycle arrest. PROTAC NSD3 degrader-1 also downregulates the expression of NSD3-associated genes such as CDC25A, ALDH1A1, and IGF1R.

### REFERENCES

[1]. Ma Z, Bolinger AA, Chen H, Zhou J. Drug Discovery Targeting Nuclear Receptor Binding SET Domain Protein 2 (NSD2). J Med Chem. 2023 Aug 24;66(16):10991-11026.

**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

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