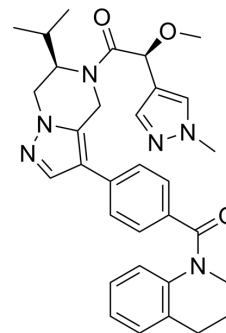


BIO-2007817

Cat. No.:	HY-169329
Molecular Formula:	C ₃₂ H ₃₆ N ₆ O ₃
Molecular Weight:	552.67
Target:	PINK1/Parkin; E1/E2/E3 Enzyme
Pathway:	Autophagy; Neuronal Signaling; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

BIO-2007817 is a Parkin positive allosteric modulators (PAMs). BIO-2007817 enhances the activity of wildtype Parkin. BIO-2007817 stimulates Parkin (an E3 ligase) autoubiquitination and induces the appearance of monoubiquitinated forms of Miro1 (EC₅₀: 0.17 μM)^[1].

REFERENCES

[1]. Shlevkov E, et al. Discovery of small-molecule positive allosteric modulators of Parkin E3 ligase. *iScience*. 2021 Dec 18;25(1):103650.

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