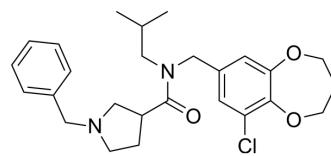


## A457

Cat. No.:	HY-129317
CAS No.:	1233923-95-9
Molecular Formula:	C <sub>26</sub> H <sub>33</sub> ClN <sub>2</sub> O <sub>3</sub>
Molecular Weight:	457
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	A457 is a PKR2 antagonist, with an IC <sub>50</sub> of 102 nM. A457 can rescue the cell surface expression and function of P290S PKR2, but not W178S and G234D PKR2 <sup>[1]</sup> .
In Vitro	A457 (1 μM, 16 h) increases cell surface expression and rescued the function of P290S PKR2 <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Dan-Na Chen, et al. Functional rescue of Kallmann syndrome-associated prokineticin receptor 2 (PKR2) mutants deficient in trafficking. J Biol Chem. 2014 May 30;289(22):15518-26.

**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