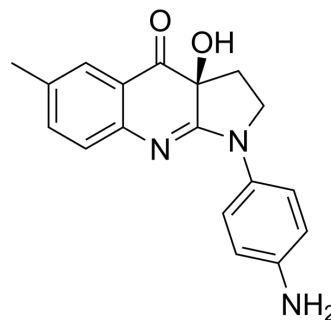


## Para-aminoblebbistatin

Cat. No.:	HY-111474
CAS No.:	2097734-03-5
Molecular Formula:	C <sub>18</sub> H <sub>17</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	307.35
Target:	Myosin
Pathway:	Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Para-aminoblebbistatin is a highly water soluble, non-fluorescent and photostable C15 amino-substituted derivative of blebbistatin; inhibits various (myosin II) isoforms both in vitro and in vivo.
IC <sub>50</sub> & Target	Myosin II <sup>[1]</sup>

### REFERENCES

- [1]. Várkuti BH, et al. A highly soluble, non-phototoxic, non-fluorescent blebbistatin derivative. *Sci Rep.* 2016 May 31;6:26141.
- [2]. Képiró M, et al. para-Nitroblebbistatin, the non-cytotoxic and photostable myosin II inhibitor. *Angew Chem Int Ed Engl.* 2014 Jul 28;53(31):8211-5.

**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