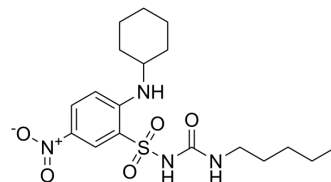


## BM567

Cat. No.:	HY-124150
CAS No.:	284464-77-3
Molecular Formula:	C <sub>18</sub> H <sub>28</sub> N <sub>4</sub> O <sub>5</sub> S
Molecular Weight:	412.5
Target:	Prostaglandin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	BM567 is a sulfonyleurea compound (compound 1), which exhibits antithrombogenic efficacy as thromboxane A <sub>2</sub> receptor (TXR) antagonists and thromboxane A <sub>2</sub> synthase (TXS) inhibitors, with IC <sub>50</sub> s of 1.1 and 12 nM, respectively <sup>[1]</sup> .	
IC <sub>50</sub> & Target	TXA <sub>2</sub> Receptor 1.1 nM (IC <sub>50</sub> )	TXA <sub>2</sub> synthase 12 nM (IC <sub>50</sub> )

### REFERENCES

[1]. Michaux C, et al., Structure determination and comparison of BM567, a sulfonyleurea, with terbogrel, two compounds with dual action, thromboxane receptor antagonism and thromboxane synthase inhibition. *Bioorg Med Chem Lett*. 2001 Apr 23;11(8):1019-22.

**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