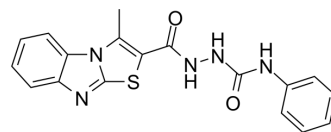


## Anti-inflammatory agent 9

Cat. No.:	HY-115921
CAS No.:	2910876-54-7
Molecular Formula:	C <sub>18</sub> H <sub>15</sub> N <sub>5</sub> O <sub>2</sub> S
Molecular Weight:	365.41
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Anti-inflammatory agent 9 (compound 28) is a tilomisole-based benzimidazothiazole derivative. Anti-inflammatory agent 9 expresses activity on COX-2 enzyme more than COX-1. Anti-inflammatory agent 9 is orally active<sup>[1]</sup>.

### REFERENCES

[1]. Darwish SA, et al. New tilomisole-based benzimidazothiazole derivatives as anti-inflammatory agents: Synthesis, in vivo, in vitro evaluation, and in silico studies [published online ahead of print, 2022 Jan 29]. *Bioorg Chem.* 2022;120:105644.

**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