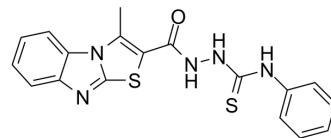


Anti-inflammatory agent 8

Cat. No.:	HY-115920
CAS No.:	1103920-19-9
Molecular Formula:	C ₁₈ H ₁₅ N ₅ OS ₂
Molecular Weight:	381.47
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 8 (compound 13) is a tilomisole-based benzimidazothiazole derivative. Anti-inflammatory agent 8 expresses activity on COX-2 enzyme more than COX-1 with an IC₅₀ of 0.09 nM. Anti-inflammatory agent 8 is orally active^[1].

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.

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