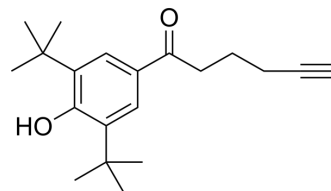


Tebufelone

Cat. No.:	HY-106823
CAS No.:	112018-00-5
Molecular Formula:	C ₂₀ H ₂₈ O ₂
Molecular Weight:	300
Target:	COX; Lipoxygenase
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Tebufelone (NE-11740), a nonsteroidal anti-inflammatory drug (NSAID), is a selective dual COX-2/5-lipoxygenase inhibitor. Tebufelone displays potent anti-inflammatory, analgesic and anti-pyretic properties ^{[1][2]} .	
IC ₅₀ & Target	COX-2	5-LO

REFERENCES

- [1]. S M Weisman, et al. Effects of tebufelone (NE-11740), a new anti-inflammatory drug, on arachidonic acid metabolism. Agents Actions. 1994 May;41(3-4):156-63.
- [2]. Sebastian Braun, et al. Carborane-Based Tebufelone Analogs and Their Biological Evaluation In Vitro. ChemMedChem. 2023 Jul 17;18(14):e202300206.

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