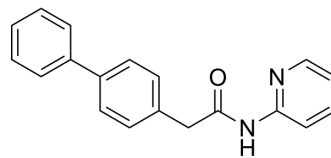


Difenpiramide

Cat. No.:	HY-17482
CAS No.:	51484-40-3
Molecular Formula:	C ₁₉ H ₁₆ N ₂ O
Molecular Weight:	288.34
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (346.81 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.4681 mL	17.3406 mL	34.6813 mL
	5 mM	0.6936 mL	3.4681 mL	6.9363 mL
	10 mM	0.3468 mL	1.7341 mL	3.4681 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Difenpiramide (Z-876) is a bisphenylalcanic derivative with marked anti-inflammatory, analgesic, antipyretic and uricosuric properties. Difenpiramide has platelet anti-aggregation activity^[1].

REFERENCES

- [1]. Caliarì S, et al. Pharmacological properties of the anti-inflammatory agent pyridyl-biphenyl-acetamide (diphenpyramide). *Arzneimittelforschung*. 1977;27(11):2086-2093.
- [2]. Gugliotta L, et al. Farmaci antiinfiammatori e attività antiaggregante piastrinica: la difenpiramide [Anti-inflammatory drugs and platelet anti-aggregation activity: difenpiramide]. *G Clin Med*. 1976;57(11-12):408-415.

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