(S)-Propafenone

Cat. No.: HY-B0432B

CAS No.: 107381-32-8

Molecular Formula: $C_{21}H_{27}NO_3$

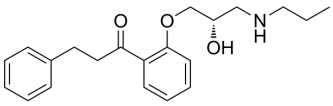
Molecular Weight: 341.44

Target: Sodium Channel

Pathway: Membrane Transporter/Ion Channel

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 33.33 mg/mL (97.62 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent / Mass / Concentration	1 mg	5 mg	10 mg
	1 mM	2.9288 mL	14.6439 mL	29.2877 mL
	5 mM	0.5858 mL	2.9288 mL	5.8575 mL
	10 mM	0.2929 mL	1.4644 mL	2.9288 mL

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

BIOLOGICAL ACTIVITY

Description

(S)-Propafenone ((S)-SA-79) is the S-enantiomer of Propafenone. (S)-Propafenone ((S)-SA-79) exerts beta-blocking action and the sodium channel-dependent antiarrhythmic class 1 activity[1].

CUSTOMER VALIDATION

- Clin Chem. 2019 Dec;65(12):1522-1531.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Stoschitzky K, et al. Different stereoselective effects of (R)- and (S)-propafenone: clinical pharmacologic, electrophysiologic, and radioligand binding studies. Clin Pharmacol Ther. 1990 Jun;47(6):740-6.

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