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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

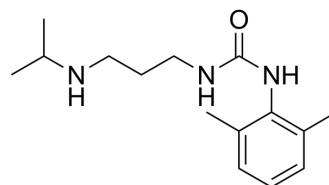
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Recainam

Cat. No.:	HY-105454
CAS No.:	74738-24-2
Molecular Formula:	C ₁₅ H ₂₅ N ₃ O
Molecular Weight:	263.38
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (189.84 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.7968 mL	18.9840 mL	37.9680 mL
	5 mM	0.7594 mL	3.7968 mL	7.5936 mL
	10 mM	0.3797 mL	1.8984 mL	3.7968 mL

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

BIOLOGICAL ACTIVITY

Description

Recainam (Wy-42362) is an orally active anti-arrhythmic agent with Class I electrophysiological properties. Recainam suppresses complex ventricular arrhythmias. Recainam exhibits a good pharmacokinetic character in Sprague Dawley rats [1][2].

In Vivo

Recainam (20 mg/kg, i.v.) exhibits a good pharmacokinetic profil with an AUC_{0-inf} of 4.1 µg·h/mL, a half-time T_{1/2} of 0.6 h, MRT of 0.6 h, a clearance of 4.9 L/kg·h and a distribution V_{ss} of 3.2 L/kg^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Scatina JA, et al., Species differences in the pharmacokinetics of recainam, a new anti-arrhythmic drug. Biopharm Drug Dispos. 1990 Jul;11(5):445-61.
- [2]. Anastasiou-Nana MI, et al., Recainam, a potent new antiarrhythmic agent: effects on complex ventricular arrhythmias. J Am Coll Cardiol. 1986 Aug;8(2):427-35.

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