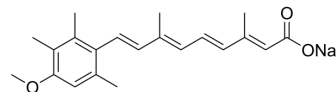


Acitretin sodium

Cat. No.:	HY-B0107A
CAS No.:	925701-88-8
Molecular Formula:	C ₂₁ H ₂₅ NaO ₃
Molecular Weight:	348.41
Target:	RAR/RXR; Autophagy
Pathway:	Metabolic Enzyme/Protease; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Acitretin (Ro 10-1670) sodium is a second-generation, systemic retinoid that has been used in the treatment of psoriasis. Acitretin sodium also can be used for the research of Alzheimer's disease ^{[1][2][3]} .
In Vivo	Acitretin (10 mg/kg; i.p. for 7 days) increases IL-6 in the central nervous system of Alzheimer's disease model mice ^[3] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Eur J Pharmacol. 2019 May 15;851:174-185.
- Fundam Clin Pharmacol. 2020 Jun;34(3):380-388.

See more customer validations on www.MedChemExpress.com

REFERENCES

- [1]. Lee CS, et al. A review of acitretin, a systemic retinoid for the treatment of psoriasis. *Expert Opin Pharmacother*. 2005 Aug;6(10):1725-34.
- [2]. Seng?r B, et al. Effects of acitretin on spermatogenesis of rats. *J Eur Acad Dermatol Venereol*. 2006 Jul;20(6):689-92.
- [3]. Guilherme MDS, et, al. The Synthetic Retinoid Acitretin Increases IL-6 in the Central Nervous System of Alzheimer Disease Model Mice and Human Patients. *Front Aging Neurosci*. 2019 Jul 23;11:182.

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