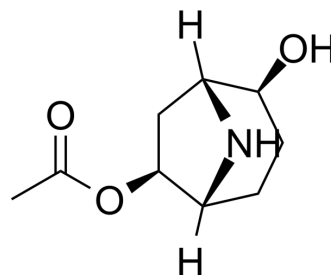


Baogongteng A

Cat. No.:	HY-125700
CAS No.:	74239-84-2
Molecular Formula:	C ₉ H ₁₅ NO ₃
Molecular Weight:	185.22
Target:	mAChR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Baogongteng A ((-)-Bao Gong Teng A) is an optically active tropane alkaloid with hypotensive and miotic activity, and can be isolated from the Chinese herb *Erycibe obtusifolia* Benth. Baogongteng A is also a muscarinic agonist. Baogongteng A can be used for cardiovascular and glaucoma research^{[1][2]}.

REFERENCES

[1]. Zhang Y, et al. Organometallic enantiomeric scaffolding: organometallic chirons. Total synthesis of (-)-Bao Gong Teng A by a molybdenum-mediated [5 + 2] cycloaddition. *J Am Chem Soc.* 2006 Jan 18;128(2):465-72.

[2]. Niu YY, et al. Activity and QSAR study of baogongteng A and its derivatives as muscarinic agonists. *Bioorg Med Chem Lett.* 2005 Nov 1;15(21):4814-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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