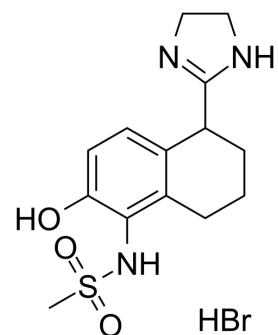


A-61603

Cat. No.:	HY-101366
CAS No.:	107756-30-9
Molecular Formula:	C ₁₄ H ₂₀ BrN ₃ O ₃ S
Molecular Weight:	390.3
Target:	Adrenergic Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	A-61603 is a selective α_{1A} -adrenergic receptor agonist ^[1] . A-61603 increases the frequency of spontaneous Ca ²⁺ transients in rat ventricular myocytes in vitro ^[2] .
IC ₅₀ & Target	α_{1A} -adrenergic receptor

REFERENCES

[1]. Meyer MD, et al. Synthesis and in vitro characterization of N-[5-(4,5-dihydro-1H-imidazol-2-yl)-2-hydroxy-5,6,7,8-tetrahydronaphthalen-1-yl]methanesulfonamide and its enantiomers: A novel selective α_{1A} receptor agonist. J. Med. Chem. 39(20), 4116-4119 (1996).

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

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