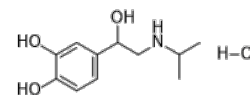


Product Name : Isoprenaline hydrochloride
Cat. No. : PC-28141
CAS No. : 51-30-9
Molecular Formula : $C_{11}H_{18}ClNO_3$
Molecular Weight : 247.72
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

Isoprenaline hydrochloride (isoproterenol) is a non-selective beta-adrenergic receptor agonist, stimulates both β_1 - and β_2 -adrenergic receptors, produces vasodilation, can also stimulate tachyarrhythmias.

References

- Degerman E, et al. Proc Natl Acad Sci U S A. 1990 Jan;87(2):533-7.
Vannucci SJ, et al. Biochem J. 1992 Nov 15;288 (Pt 1):325-30.
Delpy E, et al. Br J Pharmacol. 1996 Oct;119(3):471-8.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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