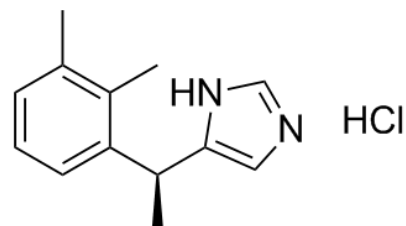


Product Name : Dexmedetomidine hydrochloride
Cat. No. : PC-45156
CAS No. : 145108-58-3
Molecular Formula : C₁₃H₁₇ClN₂
Molecular Weight : 236.7405
Target : Adrenergic Receptor
Solubility : 10 mM in DMSO



Biological Activity

An agonist of α_2 -adrenergic receptor that used in veterinary medicine for its analgesic and sedative properties; also protects against lung injury induced by ischemia-reperfusion through inhibition of autophagy in rats.

References

Cormack JR, et al. J Clin Neurosci. 2005 May;12(4):375-8.

Luo C, et al. Front Cell Neurosci. 2017 Jul 6;11:197.

Zhang W, et al. Exp Ther Med. 2017 Aug;14(2):973-980.

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

E-mail: tech@probechem.com