

Product Name	: Medetomidine hydrochloride
Synonyms	: MPV-785
Cat No.	: M16251
CAS Number	: 86347-15-1
Molecular Formula	: C ₁₃ H ₁₇ ClN ₂
Formula Weight	: 236.74
Chemical Name	: 1H-Imidazole, 5-[1-(2,3-dimethylphenyl)ethyl]-, hydrochloride (1:1)
Description	: A potent, highly selective α_2 -adrenoceptor agonist with K_i of 1.08 nM; used as both a surgical anesthetic and analgesic.
Pathway	: Angiogenesis
Target	: Adrenergic Receptor
Receptor	: α_2 -adrenoceptor
Solubility	: 10 mM in DMSO
SMILES	: <chem>CC1=C(C(=CC=C1)C(C)C2=CN=CN2)C.Cl</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

