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| Product Name | : Mivacurium chloride |
| Synonyms | : — |
| Cat No. | : M23275 |
| CAS Number | : 106861-44-3 |
| Molecular Formula | : C ₅₈ H ₈₀ Cl ₂ N ₂ O ₁₄ |
| Formula Weight | : 1100.2 |
| Chemical Name | : — |
| Description | Mivacurium chloride is a non-depolarising, rapid neuromuscular blocker of short duration, used therefore as anesthetic, to provide skeletal muscle relaxation in minor surgical operations, in emergency surgical procedures of short to intermediate duration and during intubation of the trachea. |
| Pathway | : Endocrinology/Hormones |
| Target | : AChR |
| Receptor | : nAChR |
| Solubility | : DMSO: 100 mg/ml (90.9 mM); Ethanol: 100 mg/ml (90.9 mM); Water: 100 mg/ml (90.9 mM) |
| SMILES | : <chem>[Cl-].[Cl-].[N+](CCCCOC(C/C=C/CCC(OCC[N+](C)(CC1)[C@H](Cc(cc2OC)cc(OC)c2OC)c(cc2OC)c1cc2OC)=O)=O)(CC1)[C@H](Cc(cc2OC)cc(OC)c2OC)c(cc2OC)c1cc2OC</chem> |
| Storage | : (-20°C) |
| Stability | : ≥ 2 years |
| Reference | : |

1. Delu Che, et al. Mivacurium Induce Mast Cell Activation and Pseudo-Allergic Reactions via MAS-related G Protein Coupled receptor-X2. Cell Immunol. 2018 Oct;332:121-128.