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DATASHEET

Sumatriptan succinate

Product overview

Name	Sumatriptan succinate
Cat No	HB1769
Alternative names	GR 43175
Biological action	Agonist
Purity	>99%
Description	5-HT _{1D} , 5-HT _{1B} and 5-HT _{1A} receptor agonist

Biological Data

Biological description	5-HT _{1A} /1B/1D receptor agonist (K_i values are 17, 27 and 100 nM at 5-HT _{1D} , 5-HT _{1B} and 5-HT _{1A} receptors respectively). Shows antimigraine activity.
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in water (100mM) or DMSO (75mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	3-[2-(Dimethylamino)ethyl]- <i>N</i> -methyl -1 <i>H</i> -indole-5-methanesulfonamide succinate
Molecular Weight	413.49
Molecular Formula	C ₁₄ H ₂₁ N ₃ O ₂ S.C ₄ H ₆ O ₄
CAS Number	103628-48-4
PubChem identifier	59772
SMILES	O=S(CC1=CC=C(NC=C2CCN(C)C)C2=C1)(NC)=O.O=C(CCC(O)=O)O
InChiKey	PORMUFZNYQJOEI-UHFFFAOYSA-N