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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-HT1A/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.

Solubility & Handling

Solubility overview Soluble in water (100mM) or DMSO (75mM)

Storage instructions +4°0

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions

Important

Stable for ambient temperature shipping. Follow storage instructions on receipt.

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]-N-methyl -1H-indole-5-methanesulfonamide succinate

Molecular Weight 413.49

Molecular Formula $C_{14}H_{21}N_3O_2S.C_4H_6O_4$

CAS Number 103628-48-4 PubChem identifier 59772

 $\qquad \qquad \mathsf{O} = \mathsf{S}(\mathsf{CC1} = \mathsf{CC} = \mathsf{C}(\mathsf{NC} = \mathsf{C2CCN}(\mathsf{C})\mathsf{C})\mathsf{C2} = \mathsf{C1})(\mathsf{NC}) = \mathsf{O.O} = \mathsf{C}(\mathsf{CCC}(\mathsf{O}) = \mathsf{O})\mathsf{O}$

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