

Product datasheet

Sumatriptan succinate ab120514

Overview

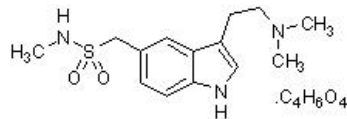
Product name	Sumatriptan succinate
Description	5-HT ₁ receptor agonist
Biological description	5-HT ₁ receptor agonist (K _i values are 17, 27 and 100 nM at 5-HT _{1D} , 5-HT _{1B} and 5-HT _{1A} receptors, respectively). Also shows affinity for 5-HT _{1F} receptor (EC ₅₀ = 247 nM). Reduces vascular inflammation associated with migraine.
Purity	> 99%

Properties

Chemical name 3-[2-(Dimethylamino)ethyl]-*N*-methyl-1*H*-indole-5-methanesulfonamide succinate

Molecular weight 413.49

Chemical structure



Molecular formula C₁₄H₂₁N₃O₂S.C₄H₆O₄

CAS Number 103628-48-4

Storage instructions Store at +4°C. The product can be stored for up to 12 months.

Solubility overview Soluble in water to 100 mM

Handling Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

Source Synthetic

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