

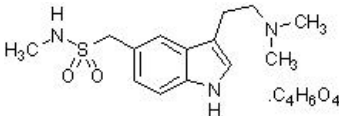
Product datasheet

Sumatriptan succinate, 5-HT₁ receptor agonist

ab120514

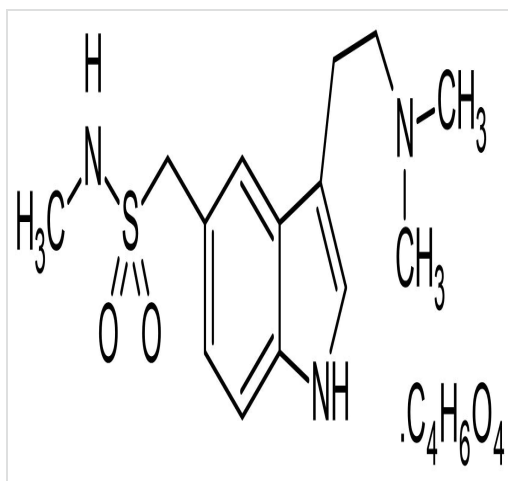
1 Image

Overview

Product name	Sumatriptan succinate, 5-HT ₁ receptor agonist
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.
CAS Number	103628-48-4
Chemical structure	

Properties

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
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	<p>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.</p> <p>Refer to SDS for further information</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
Source	Synthetic



2D chemical structure image of ab120514, Sumatriptan succinate, 5-HT₁ receptor agonist

Chemical Structure - Sumatriptan succinate, 5-HT₁ receptor agonist (ab120514)

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