

Product datasheet

Sumatriptan succinate ab120514

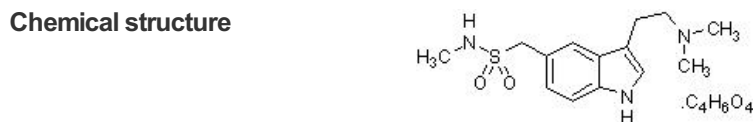
Overview

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

Properties

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

**Molecular weight** 413.49



**Molecular formula** C<sub>14</sub>H<sub>21</sub>N<sub>3</sub>O<sub>2</sub>S.C<sub>4</sub>H<sub>6</sub>O<sub>4</sub>

**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

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"

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