### Description
Sumatriptan is a tryptamine agonist at 5-HT1B/1D receptors that is clinically used to treat migraines. Sumatriptan exhibits vasoconstrictive and gastrointestinal motility modulating activities. The anti-migraine activity of sumatriptan is likely due to its vasoconstrictive activity and ability to decrease the release of substance P and CGRP. Sumatriptan also increases gastric relaxation and delays gastric emptying. Additionally, this compound inhibits 5-HT- and capsaicin-induced signaling of transient receptor potential vanilloid (TRPV1) channels and release of CGRP in vitro and in vivo.

### Chemical Name
3-[2-(Dimethyl-amin)ethyl]-N-methyl-1H-indole-5-methanesulfonamide succinate; GR-43175C

### Formula
C_{14}H_{21}N_{3}O_{2}S • C_{4}H_{6}O_{4}

### Formula Wt.
413.49

### Melting Point
165-166 °C

### Purity
≥99%

### Solubility

### Store Temp
Ambient

### Ship Temp
Ambient

### References


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**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.