



Product Information

Product ID T6935

CAS No. 39133-31-8

Chemical Name Benzoic acid, 3,4,5-trimethoxy-, 2-(dimethylamino)-2-phenylbutyl ester

Synonym EINECS 254-309-2

Formula $C_{22}H_{29}NO_5$

Formula Wt. 387.47

Melting Point 78-80°C

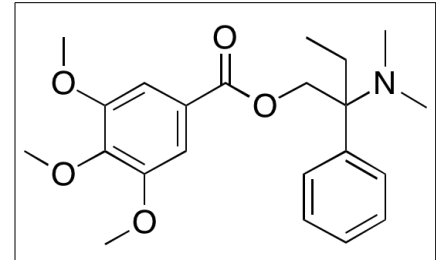
Purity $\geq 97\%$

Solubility Soluble in methylene chloride.

Store Temp Ambient

Ship Temp Ambient

Description Trimebutine exhibits antibacterial and gastrointestinal motility modulating activities; it is clinically used to treat irritable bowel syndrome (IBS). Trimebutine displays antibiotic activity against *Escherichia* and *Pseudomonas*. This compound enhances gastrointestinal muscle contractions by inhibiting L-type Ca^{2+} channels and decreasing Ca^{2+} -sensitive (BK) K^+ currents and may also act as an agonist at opioid receptors.



Bulk quantities available upon request

Product ID	Size
T6935	1 g
T6935	10 g
T6935	50 g

References Kountouras J, Sofianou D, Gavalas E, et al. Trimebutine as a potential antimicrobial agent: a preliminary in vitro approach. *Hippokratia*. 2012 Oct;16(4):347-9. PMID: 23935315.

Tan W, Zhang H, Luo HS, et al. Effects of trimebutine maleate on colonic motility through Ca^{2+} -activated K^+ channels and L-type Ca^{2+} channels. *Arch Pharm Res*. 2011 Jun;34(6):979-85. PMID: 21725819.

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