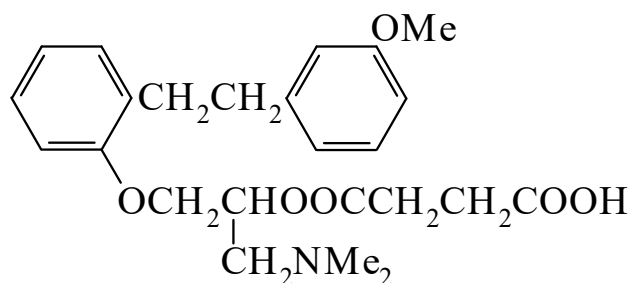




>>Entry Name: Sarpogrelate, INN

Synonym(s): Mono[2-(dimethylamino)-1-[[2-[2-(3-methoxyphenyl)ethyl]phenoxy]methyl]ethyl]butanedioate, 9Cl. 2-(Dimethylamino)-1-[[*o*-(*m*-methoxyphenethyl)phenoxy]methyl]ethyl hydrogen succinate. Anplag. MCI 9042



Related CAS Registry Numbers(s): 86819-20-7

Molecular Formula: C₂₄H₃₁NO₆

Molecular Weight: 429.512

Accurate Mass: 429.215139

Percentage Composition: C 67.11%; H 7.27%; N 3.26%; O 22.35%

Use/Importance: 5-HT_{2A}-Receptor antagonist. Platelet aggregation inhibitor. Antithrombotic

Development Status: Launched 1993 (Japan)

Calculated Log P Data: Log P 1.83 (calc)

>>Variant: (±)-form

CAS Registry Number: 125926-17-2

Molecular Formula: C₂₄H₃₁NO₆

Molecular Weight: 429.512

Accurate Mass: 429.215139

Percentage Composition: C 67.11%; H 7.27%; N 3.26%; O 22.35%

>>Derivative: Hydrochloride

CAS Registry Number: 135159-51-2

Melting Point: Mp 139-142°

Hazard & Toxicity: LD₅₀ (rat, orl) 4400 mg/kg. LD₅₀ (rat, ipr) 108 mg/kg

References:

- Kikumoto, R. *et al.*, *J. Med. Chem.*, 1990, **33**, 1818, (*synth, pharmacol*)
Hara, H. *et al.*, *Arzneim.-Forsch.*, 1991, **41**, 616, (*pharmacol*)
Hara, H. *et al.*, *Thromb. Haemostasis*, 1991, **66**, 484, (*pharmacol*)
Rabasseda, X. *et al.*, *Drugs of Today (Barcelona)*, 1994, **30**, 43, (*rev*)
Kanamori, A. *et al.*, *Life Sci.*, 1994, **55**, PL365, (*pharmacol*)