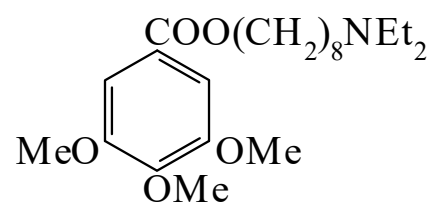




>>Entry Name: 8-(Diethylamino)octyl 3,4,5-trimethoxybenzoate



CAS Registry Number: 57818-92-5

Molecular Formula: C₂₂H₃₇NO₅

Molecular Weight: 395.538

Accurate Mass: 395.267174

Percentage Composition: C 66.81%; H 9.43%; N 3.54%; O 20.22%

Use/Importance: Intracellular calcium antagonist; inhibits calmodulin sensitive Ca²⁺-ATPase activity; protein kinase C inhibitor

Calculated Log P Data: Log P 4.62 (calc)

>>Derivative: Hydrochloride

Synonym(s): TMB 8

CAS Registry Number: 53464-72-5

Melting Point: Mp 95°

Aldrich: 86180-4

Fluka: 92155

Sigma: T0517

References:

Malagodi, M.H. *et al.*, *Eur. J. Pharmacol.*, 1974, **27**, 25, (*pharmacol, synth*)

Fairhurst, A.S. *et al.*, *Life Sci.*, 1983, **32**, 1331, (*pharmacol*)

Simpson, A.W. *et al.*, *FEBS Lett.*, 1984, **176**, 139, (*activity*)

Frank, G.B. *et al.*, *J. Nucl. Med. Technol.*, 1986, **29**, 215, (*pharmacol*)

Northover, B.J. *et al.*, *Biochem. Pharmacol.*, 1992, **44**, 425, (*pharmacol*)