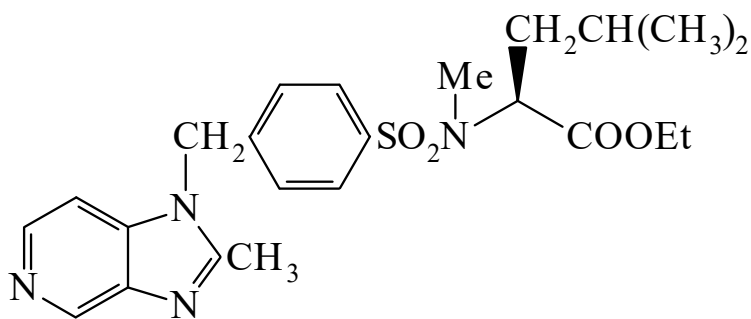




>>Entry Name: Lexipafant, BAN, INN, USAN

Synonym(s): Ethyl *N*-methyl-*N*-[[4-[(2-methyl-1*H*-imidazo[4,5-*c*]pyridin-1-yl)methyl]phenyl]sulfonyl]leucinate, 9Cl. BB 882



CAS Registry Number: 139133-26-9

Molecular Formula: C₂₃H₃₀N₄O₄S

Molecular Weight: 458.58

Accurate Mass: 458.198776

Percentage Composition: C 60.24%; H 6.59%; N 12.22%; O 13.96%; S 6.99%

Use/Importance: Platelet activating factor antagonist. Ameliorates progression of exp. acute pancreatitis

Physical Description: Cryst. solid (EtOAc)

Melting Point: Mp 105°

Optical Rotation: [α]_D²⁰ -6.7 (c, 2 in CDCl₃)

Calculated Log P Data: Log P 3.89 (calc)

References:

Pat. Coop. Treaty (WIPO), 1992, *British BioTechnology*, 92 03 423; *CA*, **117**, 27149b, (*synth, pharmacol, ir, pmr*)

Formela, L.J. *et al.*, *Br. J. Surg.*, 1994, **81**, 1783, (*use*)

Whittaker, M. *et al.*, *J. Lipid Mediators Cell Signalling*, 1994, **10**, 151, (*pharmacol*)