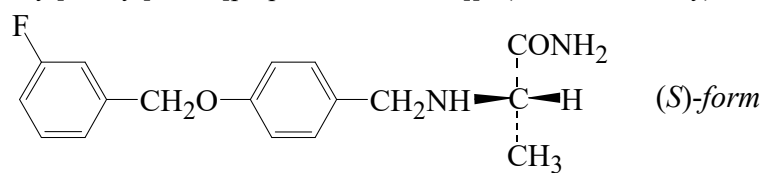




>>Entry Name: Saffinamide, INN

Synonym(s): 2-[[[4-[(3-Fluorophenyl)methoxy]phenyl]methyl]amino]propanamide, 9Cl. 2-[[4-(3-Fluorobenzoxy)benzyl]amino]propanamide. PNU 151774E. FCE 26743



CAS Registry Number: 133866-14-5

Related CAS Registry Numbers(s): 174756-44-6

Molecular Formula: C₁₇H₁₉FN₂O₂

Molecular Weight: 302.348

Accurate Mass: 302.143056

Percentage Composition: C 67.53%; H 6.33%; F 6.28%; N 9.27%; O 10.58%

Biological Use/Importance: Anticonvulsant agent

>>Variant: (S)-form

CAS Registry Number: 133865-89-1

Molecular Formula: C₁₇H₁₉FN₂O₂

Molecular Weight: 302.348

Accurate Mass: 302.143056

Percentage Composition: C 67.53%; H 6.33%; F 6.28%; N 9.27%; O 10.58%

Other Data: Pharmacol. active isomer

>>Derivative: Methanesulfonate

Melting Point: Mp 210° (dec.)

Optical Rotation: $[\alpha]_{\text{D}}^{25} +12.9$

References:

Eur. Pat., 1990, *Farmitalia Carlo Erba*, 400 495; *CA*, **114**, 228554s, (*synth, pharmacol*)

Benedetti, M.S. *et al.*, *Prog. Brain Res.*, 1995, **106**, 123-124, (*pharmacol*)

Pevarello, P. *et al.*, *J. Med. Chem.*, 1998, **41**, 579-590, (*synth, pmr, pharmacol*)