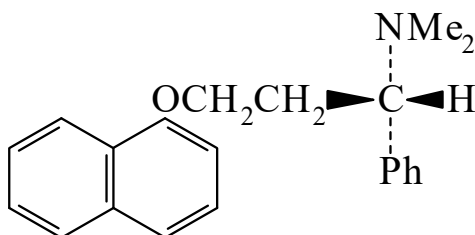




>>Entry Name: **Dapoxetine**, INN

Synonym(s): *N,N*-Dimethyl- α -[2-(1-naphthalenyloxy)ethyl]benzenemethanamine, 9CI. *N,N*-Dimethyl-2-(1-naphthyloxy)-1-phenyl-1-propylamine. LY 210448



CAS Registry Number: 119356-76-2

Related CAS Registry Numbers(s): 119357-25-4 119357-37-8

Molecular Formula: C₂₁H₂₃NO

Molecular Weight: 305.419

Accurate Mass: 305.177964

Percentage Composition: C 82.59%; H 7.59%; N 4.59%; O 5.24%

Use/Importance: 5-Hydroxytryptamine uptake inhibitor. Potential antidepressant

Development Status: Phase I clinical trials

Calculated Log P Data: Log P 4.73 (calc)

>>Variant: (S)-form

CAS Registry Number: 119356-77-3

Molecular Formula: C₂₁H₂₃NO

Molecular Weight: 305.419

Accurate Mass: 305.177964

Percentage Composition: C 82.59%; H 7.59%; N 4.59%; O 5.24%

>>Derivative: Hydrochloride

Synonym(s): Dapoxetine hydrochloride, USAN

CAS Registry Number: 129938-20-1

>>Derivative: Tartrate

CAS Registry Number: 119356-78-4

Physical Description: Cryst.

Melting Point: Mp 119-121°

References:

Eur. Pat., 1988, *Eli Lilly*, 288 188; *CA*, **110**, 114467c, (*synth, pharmacol*)

Wheeler, W.J. *et al.*, *J. Labelled Compd. Radiopharm.*, 1992, **31**, 305, (*synth*)

Hamilton, C.L. *et al.*, *J. Chromatogr.*, 1993, **612**, 253, (*hplc*)