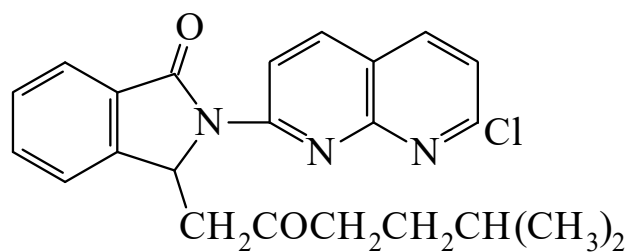




>>Entry Name: **Pagoclone**, INN, USAN

Synonym(s): 2-(7-Chloro-1,8-naphthyridin-2-yl)-2,3-dihydro-3-(5-methyl-2-oxohexyl)-1*H*-isoindol-1-one. 2-(7-Chloro-1,8-naphthyridin-2-yl)-3-(5-methyl-2-oxohexyl)phthalimidine. RP 59037



CAS Registry Number: 133737-48-1

Related CAS Registry Numbers(s): 133737-33-4 150391-34-7

Molecular Formula: C₂₃H₂₂ClN₃O₂

Molecular Weight: 407.898

Accurate Mass: 407.140054

Percentage Composition: C 67.73%; H 5.44%; Cl 8.69%; N 10.30%; O 7.84%

Use/Importance: Anxiolytic agent

>>Variant: (+)-form

Synonym(s): IP 456. RP 62955

CAS Registry Number: 133737-32-3

Molecular Formula: C₂₃H₂₂ClN₃O₂

Molecular Weight: 407.898

Accurate Mass: 407.140054

Percentage Composition: C 67.73%; H 5.44%; Cl 8.69%; N 10.30%; O 7.84%

Melting Point: Mp 172°

Optical Rotation: [α]_D²⁰+133 (c, 1 in CH₂Cl₂)

>>Variant: (±)-form

CAS Registry Number: 133737-31-2

Molecular Formula: C₂₃H₂₂ClN₃O₂

Molecular Weight: 407.898

Accurate Mass: 407.140054

Percentage Composition: C 67.73%; H 5.44%; Cl 8.69%; N 10.30%; O 7.84%

Physical Description: Cryst. (MeCN)

Melting Point: Mp 180°

References:

U.S. Pat., 1990, *Rhône-Poulenc Sante*, 4 960 779; *CA*, **114**, 228884, (*synth*)

Jackson, H.C. *et al.*, *Eur. J. Pharmacol.*, 1992, **216**, 23, (*pharmacol*)

Doble, A. *et al.*, *J. Pharmacol. Exp. Ther.*, 1993, **266**, 1213, (*pharmacol*)