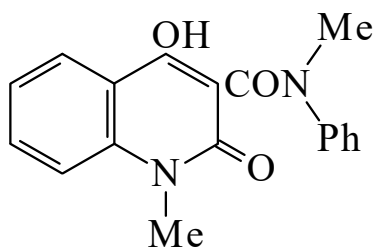




>>Entry Name: **Roquinimex**, INN

Synonym(s): 1,2-Dihydro-4-hydroxy-*N*,1-dimethyl-2-oxo-*N*-phenyl-3-quinolinecarboxamide, 9CI. Linomide. LS 2616



CAS Registry Number: 84088-42-6

Molecular Formula: C₁₈H₁₆N₂O₃

Molecular Weight: 308.336

Accurate Mass: 308.116093

Percentage Composition: C 70.12%; H 5.23%; N 9.09%; O 15.57%

Use/Importance: Immunomodulator. Shows antineoplastic effects (rat prostatic cancer) and antiangiogenic properties

Melting Point: Mp 200-204°

Calculated Log P Data: Log P 1.61 (calc)

References:

Eur. Pat., 1982, *Aktiebolag Leo*, 59 698; *CA*, **98**, 34513, (*synth, pharmacol*)

Kalland, T. *et al.*, *J. Immunol.*, 1985, **134**, 3956; 1990, **144**, 4472, (*pharmacol*)

Tarkowski, A. *et al.*, *Immunology*, 1986, **59**, 589, (*pharmacol*)

Ichikawa, T. *et al.*, *Cancer Res.*, 1992, **52**, 3022

Borgström, P. *et al.*, *Cancer Chemother. Pharmacol.*, 1994, **34**, 280, (*pharmacol*)