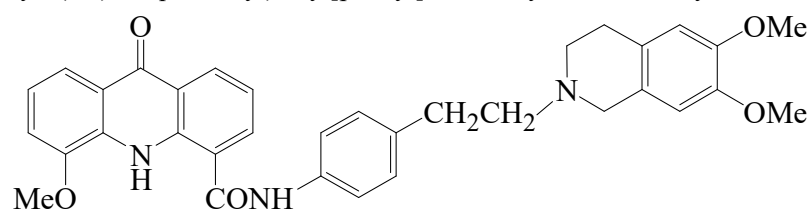




>>Entry Name: Elacridar, INN

Synonym(s): *N*-[4-[2-(3,4-Dihydro-6,7-dimethoxy-2(1*H*)-isoquinolinyl)ethyl]phenyl]-9,10-dihydro-5-methoxy-9-oxo-4-acridinecarboxamide, 9Cl. GF 120918



CAS Registry Number: 143664-11-3

Related CAS Registry Numbers(s): 143851-84-7 143851-98-3 163981-67-7

Type of Compound Code(s): XA1950

Molecular Formula: C₃₄H₃₃N₃O₅

Molecular Weight: 563.652

Accurate Mass: 563.242022

Percentage Composition: C 72.45%; H 5.90%; N 7.45%; O 14.19%

Biological Use/Importance: Antineoplastic agent. Inhibits multidrug resistance

Melting Point: Mp 224°

References:

- Eur. Pat.*, 1992, *Glaxo*, 494 623; *CA*, **117**, 233873m, (*synth, pharmacol*)
Hyafil, F. *et al.*, *Cancer Res.*, 1993, **53**, 4595-4602, (*pharmacol*)
Dodic, N. *et al.*, *J. Med. Chem.*, 1995, **38**, 2418-2426, (*synth, pharmacol*)
Den Ouden, D. *et al.*, *Leukemia*, 1996, **10**, 1930-1936, (*pharmacol*)