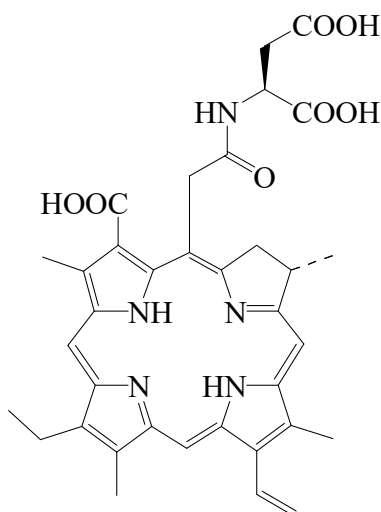




>>Entry Name: Talaporfin, INN

Synonym(s): *N*-[[7-Carboxy-3-(2-carboxyethyl)-17-ethenyl-12-ethyl-2,3-dihydro-2,8,13,18-tetramethyl-21*H*,23*H*-porphin-5-yl]acetyl]aspartic acid, 9Cl. Monoaspartylchlorine6. ME 2906. NPe6



Related CAS Registry Numbers(s): 104113-09-9 131103-51-0 220201-34-3 220201-39-8

Molecular Formula: C₃₈H₄₁N₅O₉

Molecular Weight: 711.77

Accurate Mass: 711.29043

Percentage Composition: C 64.12%; H 5.81%; N 9.84%; O 20.23%

Biological Use/Importance: Photosensitiser used in photodynamic therapy of neoplastic disease

>>Variant: (*all-S*)-form

CAS Registry Number: 110230-98-3

Molecular Formula: C₃₈H₄₁N₅O₉

Molecular Weight: 711.77

Accurate Mass: 711.29043

Percentage Composition: C 64.12%; H 5.81%; N 9.84%; O 20.23%

UV: [neutral] λ_{max} 664 (ε 38000) (EtOH)

References:

Eur. Pat., 1986, *Nippon*, 168 831; *CA*, **105**, 133666e, (*synth, activity*)

Taber, S.W. *et al.*, *Clin. Cancer Res.*, 1998, **4**, 2741-2746, (*activity*)

Gomi, S. *et al.*, *Heterocycles*, 1998, **48**, 2231-2243, (*struct, bibl*)