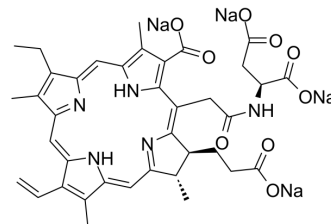


Talaporfin sodium

Cat. No.:	HY-16477
CAS No.:	220201-34-3
Molecular Formula:	C ₃₈ H ₃₇ N ₅ Na ₄ O ₉
Molecular Weight:	799.69
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 25 mg/mL (31.26 mM; Need ultrasonic)
DMSO : 2 mg/mL (2.50 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			1 mM	1.2505 mL	6.2524 mL
5 mM			0.2501 mL	1.2505 mL	2.5010 mL
10 mM			0.1250 mL	0.6252 mL	1.2505 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Talaporfin (ME2906; NPe6) is a photosensitizer used in photodynamic therapy (PDT). Target: Others Talaporfin is a photosensitizer used in photodynamic therapy (PDT). Talaporfin absorbs red light at 664 nm normally provided by a laser tuned to this wavelength [1]. Talaporfin was approved in Japan (in 2004) for PDT of lung cancer and marketed as Laserphyrin [2].

CUSTOMER VALIDATION

- Adv Funct Mater. 09 September 2021.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. http://journals.lww.com/jto/Fulltext/2006/06000/Photodynamic_Therapy__PDT__for_Lung_Cancers.18.aspx

[2]. http://meeting.ascopubs.org/cgi/content/abstract/24/18_suppl/7229

Caution: Product has not been fully validated for medical applications. For research use only.

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