

---

## Product Data Sheet

---

Product Name: Fimaporfin  
 Cat. No.: GC61876

### Chemical Properties

Cas. No. 1443547-43-0

SMILES O=S(C1=CC=C/C2=C3C=CC/C4=CC=C(S(=O)(O)=O)C=C4)=C5C=C/C(N/5)=C(C6=CC=CC=C6)/C(C=C/7)=NC7=C(C8=CC=CC=C8)/C9=CC=C2N9)=N\3)C=C1(O)=O

Formula C<sub>44</sub>H<sub>30</sub>N<sub>4</sub>O<sub>6</sub>S<sub>2</sub> M.Wt 774.86

Solubility Storage Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure

### Background

Fimaporfin (TPCS2a) is an endosomal/lysosomal-localizing photosensitizer[1].

The endosomal/lysosomal localizing photosensitizer Fimaporfin (0.35 µg/ml) is used in the drug delivery technology photochemical internalization (PCI) in combination with drugs that usually are trapped in endosomes and/or lysosomes[1].

References:

[1]. Kaja Lund, et al. 5-FU resistant EMT-like pancreatic cancer cells are hypersensitive to photochemical internalization of the novel endoglin-targeting immunotoxin CD105-saporin. J Exp Clin Cancer Res. 2017 Dec 19;36(1):187.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---