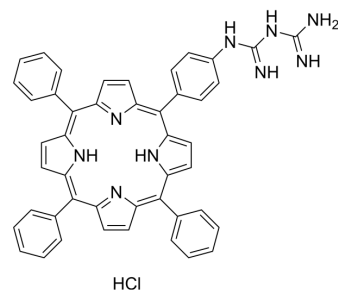


## Biguanidinium-porphyrin

Cat. No.:	HY-128419
CAS No.:	1014978-87-0
Molecular Formula:	C <sub>46</sub> H <sub>36</sub> ClN <sub>9</sub>
Molecular Weight:	750.29
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Biguanidinium-porphyrin is a mitochondria-targeting photosensitizer. Biguanidinium-porphyrin distributes within cell membranes with a large component in vesicles that correlated to some extent with the lysosomes and, upon longer exposures, in mitochondria and the cytosolic membrane<sup>[1]</sup>.

### REFERENCES

[1]. Sibrian-Vazquez M, et al. Mitochondria targeting by guanidine- and biguanidine-porphyrin photosensitizers. *Bioconjug Chem.* 2008 Mar;19(3):705-13.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA