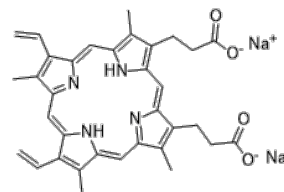


Product Name : Protoporphyrin IX disodium
Cat. No. : PC-27608
CAS No. : 50865-01-5
Molecular Formula : $C_{34}H_{32}N_4Na_2O_4$
Molecular Weight : 606.63
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Protoporphyrin IX disodium (Proto IX, PPIX) is the branch point in chloroplast tetrapyrrole biosynthesis, also acts as a radiation sensitizer enhancing ROS generation even in a hypoxic state and inducing DNA damage, also is a dye content for fluorescence spectroscopic assays.

References

Myrzakhmetov B, et al. Pharmaceuticals (Basel). 2021 Feb 9;14(2):138.

Tope WD, et al. Photochem Photobiol. 1998 Feb;67(2):249-55.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com