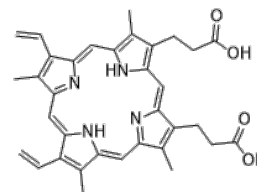


Product Name	: Protoporphyrin IX
Cat. No.	: PC-27607
CAS No.	: 553-12-8
Molecular Formula	: $C_{34}H_{34}N_4O_4$
Molecular Weight	: 562.67
Target	: Other Targets
Solubility	: 10 mM in DMSO



Biological Activity

Protoporphyrin IX (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!

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