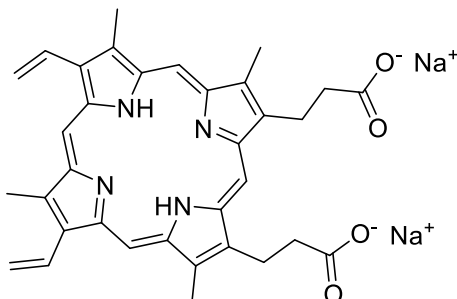


## Protoporphyrin, disodium salt

Code No.: **BIA-P2300**

Pack sizes: **25 mg, 100 mg**



Synonyms : Depocolin S, Disodium protoporphyrin, Prolmon

### Specifications

CAS #	: 50865-01-5
Molecular Formula	: $C_{34}H_{34}N_4O_4 \cdot Na_2$
Molecular Weight	: 606.6
Source	: Synthetic
Appearance	: Dark red solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in methanol or DMSO

### Application Notes

Protoporphyrin disodium is the salt of protoporphyrin, an endogenous metabolite of living organisms. Protoporphyrin is a photosensitizer. Protoporphyrin is a branch point in the biosynthetic pathway leading to haem by insertion of iron and chlorophylls by insertion of Mg and further side-chain transformation. Protoporphyrin and its derivatives are active against human immunodeficiency virus.

### References

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3. In vitro studies on the protoporphyrin uptake and photosensitivity of normal skin fibroblasts and fibroblasts from patients with erythropoietic protoporphyria. Schothorst A.A. et al. J Invest Derm. 1977, 69, 551.
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6. Modeling of anti-HIV-1 activity of a diverse set of porphyrin derivatives. Vanyur R. et al. Magyar Kemiai Folyoirat, Kemiai Kozlemenyek 2004, 109, 71.