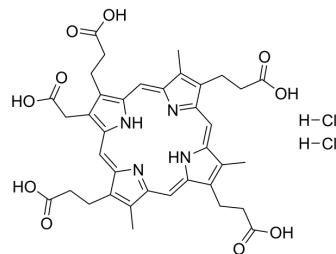


## Pentacarboxylporphyrin I dihydrochloride

Cat. No.:	HY-W127805
CAS No.:	141407-11-6
Molecular Formula:	C <sub>37</sub> H <sub>40</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>10</sub>
Molecular Weight:	771.64
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Pentacarboxylporphyrin I dihydrochloride is an organic compound belonging to the family of porphyrin derivatives. It is commonly used in biochemical research as a reference standard for the quantification of porphyrins and related compounds in biological samples. Pentacarboxylporphyrin I dihydrochloride has several applications in the diagnosis and monitoring of porphyrias, a group of inherited disorders characterized by abnormalities in heme metabolism. In addition, it can be used as a photosensitizer in photodynamic therapy for the improvement of cancer and other diseases.
<b>In Vitro</b>	Pentacarboxylporphyrin I dihydrochloride is a biochemical reagent that can be used as a biological material or organic compound for life science related research. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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

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