

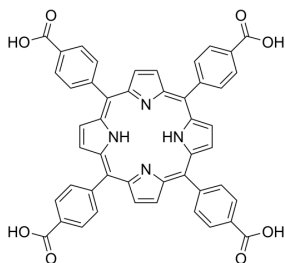
## Tetrakis (4-carboxyphenyl) porphyrin

Cat. No.: HY-W008852  
CAS No.: 14609-54-2  
Batch No.: 382344  
Chemical Name: Benzoic acid, 4,4',4'',4'''-(21H,23H-porphine-5,10,15,20-tetrayl)tetrakis-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>48</sub>H<sub>30</sub>N<sub>4</sub>O<sub>8</sub>  
Molecular Weight: 790.79  
Storage: 4°C, protect from light, stored under nitrogen  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Purple to black (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
MS: Consistent with structure  
Purity (HPLC): 98.86%  
Conclusion: The product has been tested and complies with the given specifications.

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

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