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Frontier Specialty Chemicals, Inc. **Technical Data Sheet**
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Catalog Number: **A40960**

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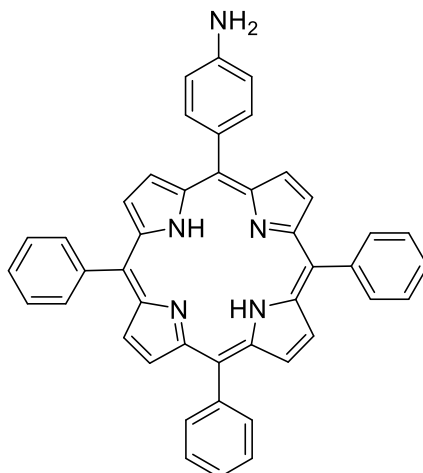
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For research use only

Not intended or approved for
diagnostic or therapeutic use.

Product Name: 5-(4-aminophenyl)-10,15, 20-triphenylporphine

Catalog Number: A40960



Sizes Available: 100 mg, 250 mg, 500 mg, 1g and larger sizes available

Molecular weight: 629.8 g/mol

Molecular Formula: C₄₄H₃₁N₅

CAS Number: 67605-64-5

Storage: Store at room temperature and protect from light.

Synonyms: 5-(4-aminophenyl)-10,15,20-triphenyl porphine, SCHEMBL3999312, CHEMBL3408510, C-0168, 5-(4-aminophenyl)-10,15,20-triphenylporphyrin, 5-(4-aminophenyl)-10,15,20-(triphenyl)porphyrin, 5-(4-aminophenyl)-10-15-20-(triphenyl)porphyrin, 5-(4-Aminophenyl)-10,15,20-tris(phenyl)porphyrin, 4-(5,10,20-Triphenyl-21H,23H-porphyrin-15-yl)aniline

Field of Interest: Nanocomposites, Quantum Oxygen Yield, Catalysis, Photocatalysis, Metal Organic Frameworks, Immunoassay

References:

1. Multicomponent porphyrin assemblies as functional bidentate phosphite ligands for regioselective rhodium-catalyzed hydroformylation, Slagt, Vincent F. van Leeuwen, Piet W. N. M. Reek, Joost N. H., *Angewandte Chemie, International Edition* (2003), 42(45), 5619-5623. DOI:10.1002/anie.200352525
2. Labels for fluorescence immunoassays and intermediates for their preparation, Schmidt, Dieter Steffen, Hans, *Eur. Pat. Appl.* (1984), EP 127797 A1 19841212,
3. Syntheses and characterization of molybdenum/zinc porphyrin dimers bridged by aromatic linkers, Song, Sai-Nan Li, Dong-Mei Wu, Jun-Feng Zhuang, Chang- Fu Ding, Hong Song, Wen-Bo Cui, Li-Feng Cao, Geng-Zhen Liu, Guo-Fa, *European Journal of Inorganic Chemistry* (2007), (13), 1844-1853. DOI:10.1002/ejic.200600853

Hazardous Properties and Cautions: The toxicological and pharmacological properties of this compound are not fully known. For further information see the SDS on request. **5-(4-aminophenyl)-10,15, 20-triphenylporphine** is manufactured, shipped according to standard practices, and intended for research and development in a laboratory utilizing prudent procedures for handling chemicals of unknown toxicity, under the supervision of persons technically qualified to evaluate potential risks and authorized to enforce appropriate health and safety measures. As with all research chemicals, precautions should be taken to avoid unnecessary exposures or risks.

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