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Frontier Specialty Chemicals, Inc. **Technical Data Sheet**  
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Catalog Number: **41252**

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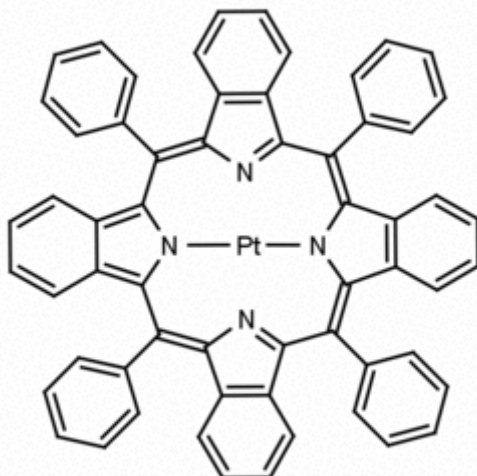
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**For research use only**

Not intended or approved for  
diagnostic or therapeutic use.

**Product Name: Pt(II) meso-Tetraphenyl Tetrabenzoporphine**

**Catalog Number: 41252**



**Sizes Available:** 50 mg, 100 mg, 250 mg, and larger sizes available

**Molecular weight:** 1008.06 g/mol

**Molecular Formula:** C<sub>60</sub>H<sub>36</sub>N<sub>4</sub>Pt

**CAS Number:** 166174-05-6

**Storage:** Store at room temperature, protect from light

**Field of Interest:** Synthetic porphyrin, Solar Cells

**References:**

1. Dual-Band Luminescent Solar Converter-Coupled Dye-Sensitized Solar Cells for High-Performance Semitransparent Photovoltaic Device, Kim, Kiwon; Nam, Seong Kyung; Moon, Jun Hyuk, ACS Applied Energy Materials (2020), 3(6), 5277-5284. DOI:10.1021/acsaem.0c00171

2. Ligand trans-effect in octahedral complexes of 3d metals and its manifestation in the synthesis of metalloporphyrins in solution, Toldina, O. V.; Berezin, D. B.; Berezin, B. D., Zhurnal Neorganicheskoi Khimii (2009), 54(7), 1151-1155.

3. Microwave-assisted synthesis and separation of magnesium (meso-phenyl,aza)tetrabenzoporphines, Bulavka, Vladimir N., Seijas, Julio , International Electronic Conferences on Synthetic Organic Chemistry, 5th, 6th, Sept. 1-30, 2001 and 2002 [and] 7th, 8th, Nov. 1-30, 2003 and 2004 (2004), 1056-1059.

**Hazardous Properties and Cautions:** The toxicological and pharmacological properties of this compound are not fully known. For further information see the SDS on request. **Pt(II) meso-Tetraphenyl Tetrabenzoporphine** 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.

**Warranty and Disclaimer:** Frontier Specialty Chemicals, Inc. warrants the product conforms to the specifications stated herein. In the event of nonconformity, Frontier will replace products or refund purchase price, at its sole option, and Frontier shall not be responsible for any other loss or damage, whether known or foreseeable to Frontier. No other warranties apply, express or implied, including but not limited to warranty of fitness for any purpose or implied warranty of merchantability. Purchaser is solely responsible for all consequences of its use of the product and Frontier assumes no responsibility therefore, including success of purchaser's research and development, or health or safety of any uses of the product.