

## Dnp-PLAYWAR (trifluoroacetate salt) Biochemical | Dnp-PLAYWAR biochemical

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CATALOG #  
**AAA227403**

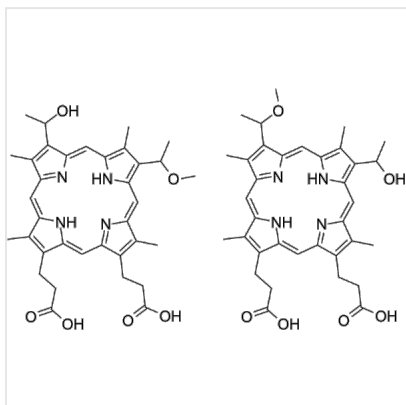
### PRODUCT SYNONYMS

Dnp-PLAYWAR (trifluoroacetate salt); Dnp-PLAYWAR biochemical

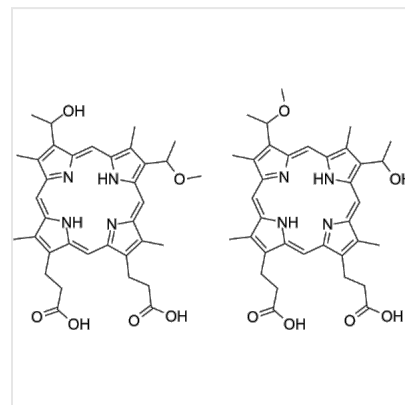
### PRODUCT SPECIFICATIONS

|                         |                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------|
| Purity/Purification     | 98%                                                                                 |
| Solubility              | Formic Acid: 1 mg/mL<br><1mg/ml refers to the product slightly soluble or insoluble |
| Preparation and Storage | Powder: -20 degree C for 3 years<br>In solvent: -80 degree C for 2 years            |

### IMAGES


**Structure**

Hematoporphyrin monomethyl ether, CAS 148471-91-4


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### ADDITIONAL INFORMATION

|                                                         |                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Dnp-PLAYWAR biochemical | Dnp-PLAYWAR is a fluorogenic substrate for matrix metalloproteinase-8 (MMP-8) and MMP-26. The activity of MMP-8 and MMP-26 can be quantified by measuring tryptophan fluorescence that is unquenched upon peptide hydrolysis that removes the N-terminal dinitrophenol (Dnp) group. |
| References                                              | 1. Ding X, et al. Hematoporphyrin monomethyl ether photodynamic damage on HeLa cells by means of reactive oxygen species production and cytosolic free calcium concentration elevation. Cancer Lett. 2004;216(1):43-54.                                                             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.