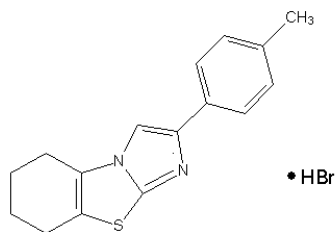


**PIFITHRIN-ALPHA, CYCLIC**Product Number **P4236**Storage Temperature  $-20\text{ }^{\circ}\text{C}$ 

Cas # 60477-34-1

Synonyms: Cyclic PFT- $\alpha$ ; 2-(4-Methylphenyl)imidazo[2,1-b]-5,8,7,8-tetrahydrobenzothiazole, HBr**Product Description****Product Information**

Appearance: White powder  
Molecular Formula:  $\text{C}_{16}\text{H}_{18}\text{N}_2\text{S}\cdot\text{HBr}$   
Formula Weight: 349.3  
Purity: >95 % by HPLC.  
Melting Point  $266.4$  to  $267.3\text{ }^{\circ}\text{C}$ .  
Packaged under inert gas.

A stable analog of Pifithrin-alpha<sup>1,2</sup> (Product Number P 4359) with similar biological activities and lower cellular toxicity. Reversible inhibitor of p53-mediated apoptosis and p53-dependent gene transcription.

**Storage/Stability**Store at  $-20\text{ }^{\circ}\text{C}$ . Protect from light.**Preparation instructions**

Soluble in DMSO at 20 mg/ml. Following reconstitution, aliquot and store at  $-20\text{ }^{\circ}\text{C}$ . Unstable in aqueous solution.

**References**

1. Komarova, E.A., et al., *Biochemistry*, **65**, 41-48 (2000).
2. Komarov, P.G., et al., *Science*, **285**, 1733-1737 (1999).

Lpg/kmr 04/01

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