

Catalog No. 11216-047 5 mg

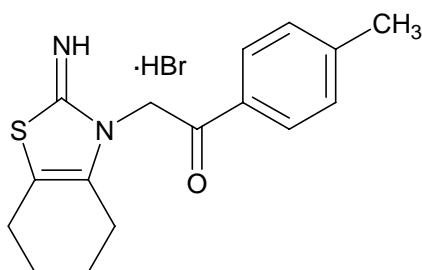
PRODUCT: Pifithrin- α
PFT- α
1-(4-Methylphenyl)-2-(4,5,6,7-tetrahydro-2-imino-3(2H)benzo-
thiazoyl)ethanone-HBr

CAS NO. 63208-82-2

CATALOG NO.: 11216-047

SIZE: 5 mg

STRUCTURE:



PHYSICAL APPEARANCE: solid

MOLECULAR FORMULA: $\text{C}_{16}\text{H}_{18}\text{N}_2\text{OS}\cdot\text{HBr}$

MOLECULAR WEIGHT: 367.3

PURITY: >98%

SOLUBILITY: Soluble in DMSO (>25 mg/mL)

STORAGE: Store, as supplied, at -20°C for up to 1 year. Store solutions at -20°C for up to 3 months.

APPLICATION NOTES: Hygroscopic. Inhibits p53. Reversibly blocks p53 dependent transcriptional activation and apoptosis.¹ Protects mice from lethal genotoxic shock.¹ The product is not sterile.

REFERENCES: 1. P.G.Komarov *et al. Science* 1999 **285** 1733

The pharmacological and toxicological properties of this product have not been fully investigated. Exercise caution in use and handling. This product must not be used in humans.