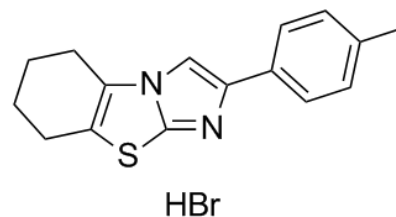


Product Name : Pifithrin- β hydrobromide
Cat. No. : PC-45048
CAS No. : 511296-88-1
Molecular Formula : C₁₆H₁₇BrN₂S
Molecular Weight : 349.2886
Target : MDM2-p53
Solubility : DMSO: 26 mg/mL



Biological Activity

A cyclic analog of Pifithrin- α and a small molecule inhibitor of p53; prevents dexamethasone-induced cell death in murine thymocytes with EC₅₀ of 2.01 μ M, sensitizes p53-deficient tumors to radiotherapy and chemotherapy and increases apoptosis in cancer cells.

References

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Barchéath SD, et al. *J Med Chem*. 2005 Oct 6;48(20):6409-22.

Zuco V, et al. *Neoplasia*. 2008 Jun;10(6):587-96.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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