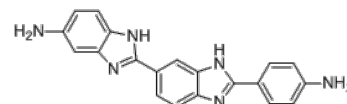


Product Name : Ro 90-7501
Cat. No. : PC-73339
CAS No. : 293762-45-5
Molecular Formula : C₂₀H₁₆N₆
Molecular Weight : 340.390
Target : Amyloids
Solubility : 10 mM in DMSO



Biological Activity

Ro 90-7501 is a prototypic inhibitor for **Abeta42** (A β 42) fibril formation, reduces A β 42-induced cytotoxicity (EC₅₀=2 μ M), also enhances TLR3 and RLR agonist induced antiviral response.

Ro 90-7501 also inhibits protein phosphatase 5 (PP5) through a TPR-dependent mechanism.

Ro 90-7501 also showed significant radiosensitizing effects in clonogenic survival and tumor growth delay assays suppressed the phosphorylation of ATM and its downstream proteins, such as H2AX, Chk1, and Chk2, after irradiation.

References

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Hong TJ, et al. Biochem Biophys Res Commun. 2017 Jan 8;482(2):215-220.

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

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