

Product Name : IC 87361

Synonyms : IC87361

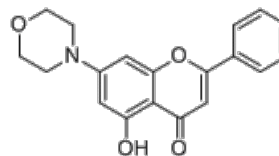
Cat No. : M14384

CAS Number : 404011-02-5

Molecular Formula : C₁₉H₁₇NO₄

Formula Weight : 323.35

Chemical Name : 5-hydroxy-7-morpholino-2-phenyl-4H-chromen-4-one



Description : IC 87361 is a potent and selective DNA-PK inhibitor with IC₅₀ of 34 nM, shows >50-fold selectivity over p110β; enhances radiation sensitivity in wild-type C57BL6 endothelial cells; induces radiosensitization of tumor microvasculature in wild-type mice.

Pathway : Cell Cycle/DNA Damage

Target : DNA-PK

Receptor : DNA-PK

Solubility : —

SMILES : —

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Kashishian A, et al. Mol Cancer Ther. 2003 Dec;2(12):1257-64. 2. Shinohara ET, et al. Cancer Res. 2005 Jun 15;65(12):4987-92.