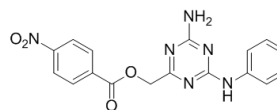


Product Name : TZ9
Synonyms : TZ-9;Rad6-SMI-9
Cat No. : M10028
CAS Number : 1002789-86-7
Molecular Formula : C₁₇H₁₄N₆O₄
Formula Weight : 366.33
Chemical Name : 1,3,5-Triazine-2-methanol, 4-amino-6-(phenylamino)-, 2-(4-nitrobenzoate)



Description : A novel selective inhibitor of Rad6 ubiquitin conjugating enzyme; inhibits Rad6B-ubiquitin thioester formation and subsequent ubiquitin transfer to histone H2A, with no activity for UbcH5; potently inhibits proliferation, colony formation, and migration and induces MDA-MB-231 breast cancer cell G2-M arrest and apoptosis.

Pathway : Proteasome/Ubiquitin

Target : E2

Receptor : E2

Solubility : DMSO: ≥ 40 mg/mL

SMILES : O=C(OCC1=NC(N)=NC(NC2=CC=CC=C2)=N1)C3=CC=C([N+])([O-])=O)C=C3

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Sanders MA, et al. J Biol Chem. 2017 Jun 23;292(25):10347-10363. | 2. Sanders MA, et al. Mol Cancer Ther. 2013 Apr;12(4):373-83. | 3. Haynes B, et al. Nanomedicine. 2016 Apr;12(3):745-757.