

Product Name : RETRA

Synonyms : —

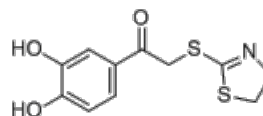
Cat No. : M10180

CAS Number : 1036069-26-7

Molecular Formula : C₁₁H₁₁NO₃S₂

Formula Weight : 269.33

Chemical Name : 2-((4,5-dihydrothiazol-2-yl)thio)-1-(3,4-dihydroxyphenyl)ethan-1-one



Description : RETRA is a small molecule mutant p53 reactivator that activates a set of p53-regulated genes and specifically suppresses mutant p53-bearing tumor cells in vitro and in mouse xenograft; increases in the expression level of p73, releases p73 and produces tumor-suppressor effects similar to the functional reactivation of p53; a p73 activator.

Pathway : Apoptosis

Target : MDM2-p53

Receptor : MDM2-p53

Solubility : —

SMILES : C1CSC(=N1)SCC(=O)C2=CC(=C(C=C2)O)O.Cl

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Kravchenko JE, et al. Proc Natl Acad Sci U S A. 2008 Apr 29;105(17):6302-7. | 2. Sonnemann J, et al. Eur J Cancer. 2015 May;51(7):841-51. | 3. Santag S, et al. Oncogene. 2013 Aug 8;32(32):3676-85.