

Product Name : RETRA hydrobromide

Synonyms : RETRA

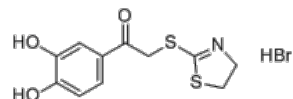
Cat No. : M10178

CAS Number : 1035875-01-4

Molecular Formula : C₁₁H₁₁NO₃S₂.HBr

Formula Weight : 350.25

Chemical Name : 2-(4,5-dihydro-1,3-thiazol-2-ylthio)-1-(3,4-dihydroxyphenyl)ethanone hydrobromide



Description : RETRA hydrobromide 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 : OC1=CC=C(C(CSC2=NC(S2)=O)C=O)C=C1O.[H]Br

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.