

Product Name : ARS-1323

Synonyms : ARS1323

Cat No. : M12590

CAS Number : 1698024-73-5

Molecular Formula : C₂₁H₁₇ClF₂N₄O₂

Formula Weight : 430.84

Chemical Name : 1-(4-(6-chloro-8-fluoro-7-(2-fluoro-6-hydroxyphenyl)quinazolin-4-yl)piperazin-1-yl)prop-2-en-1-one

Description : ARS1323 is a racemic mixture of ARS-1620/R-atropisomer, ARS-1620 is a potent, specific and covalent KRAS G12C inhibitor with >10-fold improved potency over the initial ARS-853.

Pathway : MAPK/ERK Signaling

Target : Ras

Receptor : Ras

Solubility : DMSO : ≥ 125 mg/mL 290.13 mM

SMILES : C=CC(=O)N1CCN(CC1)C2=NC=NC3=C(C(=C(C=C3)Cl)C4=C(C=CC=C4F)O)F

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Janes MR, et al. Cell. 2018 Jan 25;172(3):578-589.e17.

