



Product Information

Ras inhibitor ARS-1323, Purity $\geq 98\%$

Cat. No.: X24-05-ZQ912

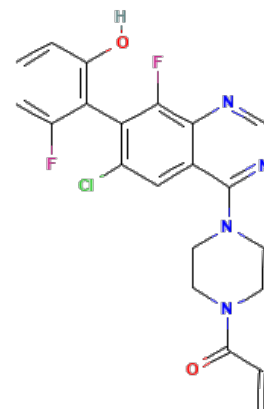
Size: 1 mg; 5 mg; 10 mg

CAS Number: 1698024-73-5

Compound CID: 137003167

Synonym: 1698024-73-5; ARS1323; ARS 1323; Ras inhibitor

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	ARS-1323 blocks the activity of Ras proteins, which play a key role in cell signal transduction and are frequently implicated in oncogenic mutations.
Molecular Weight	430.84
Molecular Formula	C ₂₁ H ₁₇ ClF ₂ N ₄ O ₂
IUPAC Name	1-[4-[6-Chloro-8-fluoro-7-(2-fluoro-6-hydroxyphenyl)quinazolin-4-yl]piperazin-1-yl]prop-2-en-1-one
InChI	InChI=1S/C21H17ClF2N4O2/c1-2-16(30)27-6-8-28(9-7-27)21-12-10-13(22)17(19(24)20(12)25-11-26-21)18-14(23)4-3-5-15(18)29/h2-5,10-11,29H,1,6-9H2
InChI Key	ZRPZPNYZFSJUPA-UHFFFAOYSA-N
Canonical SMILES	C=CC(=O)N1CCN(CC1)C2=NC=NC3=C(C(=C(C=C32)Cl)C4=C(C=CC=C4F)O)F
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	ARS-1323 can be used to inhibit the KRAS protein in cancer research focusing on lung and colorectal cancer.
Storage	Store at -20°C.