



Product Information

Estrogen receptor inhibitor GDC-0810, Purity ≥98%

Cat. No.: X24-06-ZQ669

Size: 5 mg; 10 mg; 25 mg; 50 mg

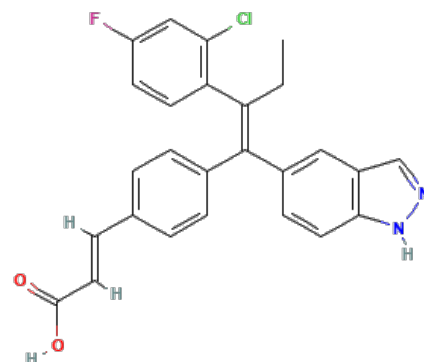
CAS Number: 1365888-06-7

Compound CID: 56941241

Synonym: 1365888-06-7; Estrogen receptor inhibitor; RG6046; ARN-810; ARN810;

ARN 810

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



Product Information

Description	GDC-0810, soluble in DMSO and ethanol and insoluble in water, prevents the growth of cancer cells that depend on estrogen for proliferation.
Molecular Weight	446.91
Molecular Formula	C ₂₆ H ₂₀ ClFN ₂ O ₂
IUPAC Name	(E)-3-[4-[(E)-2-(2-chloro-4-fluorophenyl)-1-(1H-indazol-5-yl)but-1-enyl]phenyl]prop-2-enoic acid
InChI	InChI=1S/C26H20ClFN2O2/c1-2-21(22-10-9-20(28)14-23(22)27)26(18-8-11-24-19(13-18)15-29-30-24)17-6-3-16(4-7-17)5-12-25(31)32/h3-15H,2H2,1H3,(H,29,30)(H,31,32)/b12-5+,26-21+
InChI Key	BURHGPHDEVGCEZ-KJGLQBJMSA-N
Canonical SMILES	CCC(=C(C1=CC=C(C=C1)C=CC(=O)O)C2=CC3=C(C=C2)NN=C3)C4=C(C=C(C=C4)F)Cl
Isomeric SMILES	CC/C(=C(/C1=CC=C(C=C1)/C=C/C(=O)O)\C2=CC3=C(C=C2)NN=C3)/C4=C(C=C(C=C4)F)Cl
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 82 mg/mL (183.48 mM); Water: Insoluble; Ethanol: 82 mg/mL (183.48 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	GDC-0810 is utilized in cancer research to investigate therapies targeting estrogen receptor-positive breast cancers.
Storage	Store at -20°C, and keep desiccated.



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