



## Product Information

### Estrogen receptor inhibitor GDC-0810, Purity ≥98%

**Cat. No.:** X24-06-ZQ669

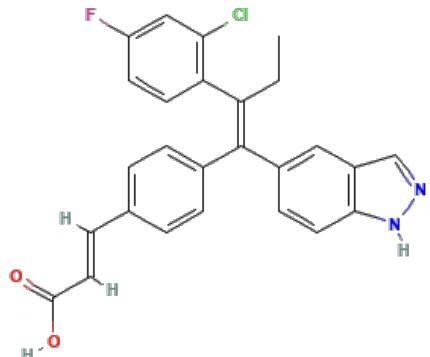
**Size:** 5 mg; 10 mg; 25 mg; 50 mg

**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

<b>Description</b>	GDC-0810, soluble in DMSO and ethanol and insoluble in water, prevents the growth of cancer cells that depend on estrogen for proliferation.
<b>Molecular Weight</b>	446.91
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>20</sub> ClFN <sub>2</sub> O <sub>2</sub>
<b>IUPAC Name</b>	(E)-3-[4-[(E)-2-(2-chloro-4-fluorophenyl)-1-(1H-indazol-5-yl)but-1-enyl]phenyl]prop-2-enoic acid
<b>InChI</b>	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+
<b>InChI Key</b>	BURHGPDEVGCEZ-KJGLQBJMSA-N
<b>Canonical SMILES</b>	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
<b>Isomeric SMILES</b>	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
<b>Form</b>	Lyophilized powder
<b>Purity</b>	≥98%
<b>Solubility</b>	DMSO: 82 mg/mL (183.48 mM); Water: Insoluble; Ethanol: 82 mg/mL (183.48 mM)
<b>Identity</b>	Confirmed by NMR/HPLC/MS.
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Quality Level</b>	Research grade
<b>Applications</b>	GDC-0810 is utilized in cancer research to investigate therapies targeting estrogen receptor-positive breast cancers.
<b>Storage</b>	Store at -20°C, and keep desiccated.



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