

ARV-110, Androgen receptor degrader

Catalog	Unit
TBI3016-5MG	5 mg
TBI3016-25MG	25 mg

Product Details

Formal Name: N-[trans-4-(3-Chloro-4-cyanophenoxy)cyclohexyl]-6-[4-[[4-[2-(2,6-dioxo-3-piperidiny)]-6-fluoro-2,3-dihydro-1,3-dioxo-1H-isoindol-5-yl]-1-piperazinyl]methyl]-1-piperidiny]]-3-pyridazinecarboxamide

Alternate Name: Bavdegalutamide

Molecular Formula: C₄₁H₄₃ClFN₉O₆

Formula Weight: 812.3

CAS Number: 2222112-77-6

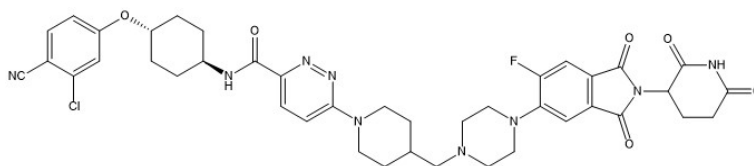
Purity: >98%

Formulation: Powder

Solubility: Soluble in DMSO (up to 25 mg/ml)

Storage: -20°C

Stability: ≥ 1 year



Applications

Androgen receptor degrader

Functions

ARV-110 is a CRBN-based PROTAC protein degrader that recruits the cereblon-containing E3 ubiquitin ligase to direct the proteasomal degradation of the androgen receptor (AR). It selectively degrades wild-type AR and most clinically relevant mutants with low nM potency. ARV-110 is the first PROTAC to enter the clinic. Analytical methods suitable for pharmacokinetic studies have been developed. **Caution: May be teratogenic. Pregnant women should avoid all contact with this substance.**

Application Procedures

First dissolved in DMSO (up to 25 mg/ml), then diluted to aqueous buffer. Solutions in DMSO may be stored at -20°C for up to 3 months.

For research use only.