



Product Information

NF-κB inhibitor Adjudin, Purity ≥98%

Cat. No.: X23-10-ZQ787

Size: 5 mg; 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 252025-52-8

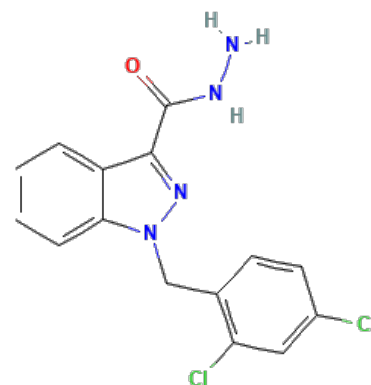
Compound CID: 9819086

Synonym: Adjudin; 252025-52-8;

1-(2,4-Dichlorobenzyl)-1*H*-indazole-3-carbohydrazide; AF-2364; Adjudin (AF-2364);

VZT8V72829; NF-κB inhibitor

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



Product Information

Description	Adjudin, soluble in DMSO and ethanol and insoluble in water, is a potent and specific inhibitor of NF-κB activation.
Molecular Weight	335.19
Molecular Formula	C ₁₅ H ₁₂ Cl ₂ N ₄ O
IUPAC Name	1-[(2,4-Dichlorophenyl)methyl]indazole-3-carbohydrazide
InChI	InChI=1S/C15H12Cl2N4O/c16-10-6-5-9(12(17)7-10)8-21-13-4-2-1-3-11(13)14(20-21)15(22)19-18/h1-7H,8,18H2,(H,19,22)
InChI Key	VENCPJAAXKBIJD-UHFFFAOYSA-N
Canonical SMILES	C1=CC=C2C(=C1)C(=NN2CC3=C(C=C(C=C3)Cl)Cl)C(=O)NN
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 62 mg/mL (184.96 mM); Water: Insoluble; Ethanol: 2 mg/mL (5.96 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Adjudin can be used to study its effects as a male contraceptive by disrupting spermatogenesis.
Storage	Store at -20°C.