



Product Information

IDO inhibitor, BMS-986205, Purity $\geq 98\%$

Cat. No.: X24-09-YM342

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

CAS Number: 1923833-60-6

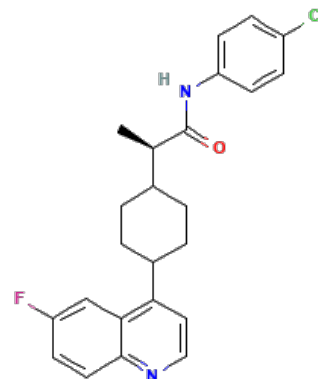
Compound CID: 121328278

Synonym: 1923833-60-6; BMS 986205; BMS986205; ONO-7701; ONO 7701;

ONO7701; F-001287; F001287; F001287; Linrodostat;

(2*R*)-*N*-(4-Chlorophenyl)-2-[4-(6-fluoroquinolin-4-yl)cyclohexyl]propanamide; IDO inhibitor

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



Product Information

Description	BMS-986205, soluble in DMSO and ethanol and insoluble in water, is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting IDO. The molecular weight of the compound is 410.91, and its molecular formula is C ₂₄ H ₂₄ ClFN ₂ O. It targets the IDO1.
Molecular Weight	410.91
Molecular Formula	C ₂₄ H ₂₄ ClFN ₂ O
Targets	IDO1
IUPAC Name	(2 <i>R</i>)- <i>N</i> -(4-Chlorophenyl)-2-[4-(6-fluoroquinolin-4-yl)cyclohexyl]propanamide
InChI	InChI=1S/C24H24ClFN2O/c1-15(24(29)28-20-9-6-18(25)7-10-20)16-2-4-17(5-3-16)21-12-13-27-23-11-8-19(26)14-22(21)23/h6-17H,2-5H2,1H3,(H,28,29)/t15-,16?,17?/m1/s1
InChI Key	KRTIYQIPSAGSBP-KLAILNCOSA-N
Canonical SMILES	CC(C1CCC(CC1)C2=C3C=C(C=CC3=NC=C2)F)C(=O)NC4=CC=C(C=C4)Cl
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Solubility	<i>In vitro</i> : DMSO: 74 mg/mL (180.08 mM); Water: insoluble; Ethanol: 74 mg/mL
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade



Applications

BMS-986205 can be used for its ability to disrupt the immune evasion mechanisms employed by tumors through IDO1 activity, thereby enhancing anti-tumor immunity.

Storage

Store at -20°C, and keep desiccated.
