



Product Information

Microtubule/Tubulin inhibitor, Clanfenur, Purity $\geq 98\%$

Cat. No.: X24-08-YM266

Size: 100 mg; 200 mg; 500 mg; 1000 mg

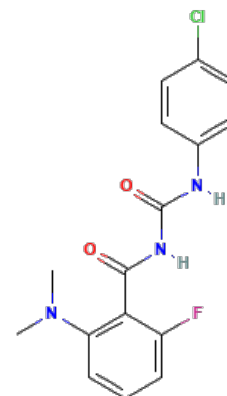
CAS Number: 51213-99-1

Compound CID: 68684

Synonym: 51213-99-1; *N*

-[(4-Chlorophenyl)carbamoyl]-2-(dimethylamino)-6-fluorobenzamide

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



Product Information

Description	Clanfenur is an effective cytoskeleton inhibitor, that has the ability to prevent the pathway of cytoskeletal signaling by inhibiting microtubule/tubulin.
Molecular Weight	335.76
Molecular Formula	C ₁₆ H ₁₅ ClFN ₃ O ₂
IUPAC Name	<i>N</i> -[(4-Chlorophenyl)carbamoyl]-2-(dimethylamino)-6-fluorobenzamide
InChI	InChI=1S/C16H15ClFN3O2/c1-21(2)13-5-3-4-12(18)14(13)15(22)20-16(23)19-11-8-6-10(17)7-9-11/h3-9H,1-2H3,(H2,19,20,22,23)
InChI Key	SRLPZQAEBMZCIJ-UHFFFAOYSA-N
Canonical SMILES	CN(C)C1=C(C(=CC=C1)F)C(=O)NC(=O)NC2=CC=C(C=C2)Cl
Form	Lyophilized powder
Purity	$\geq 98\%$
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	Clanfenur is a cytoskeletal signaling inhibitor that can be used for its ability to inhibit cancer cell growth and induce apoptosis.
Storage	Store at -20°C, and keep desiccated.