



Product Information

Integrin inhibitor, E7820, Purity $\geq 98\%$

Cat. No.: X24-08-YM290

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

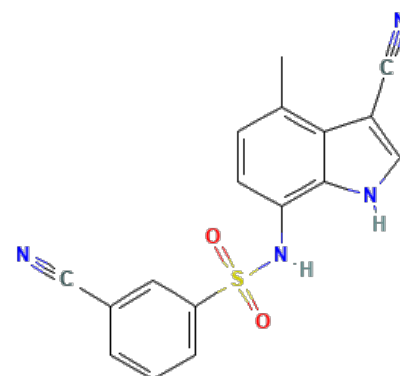
CAS Number: 289483-69-8

Compound CID: 196970

Synonym: 289483-69-8; E 7820; E-7820;

3-Cyano-*N*-(3-cyano-4-methyl-1*H*-indol-7-yl)benzenesulfonamide

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



Product Information

Description	E7820, soluble in DMSO and insoluble in water and ethanol, is an effective cytoskeleton inhibitor, that has the ability to prevent the pathway of cytoskeletal signaling by inhibiting integrin.
Molecular Weight	336.37
Molecular Formula	C ₁₇ H ₁₂ N ₄ O ₂ S
IUPAC Name	3-Cyano- <i>N</i> -(3-cyano-4-methyl-1 <i>H</i> -indol-7-yl)benzenesulfonamide
InChI	InChI=1S/C17H12N4O2S/c1-11-5-6-15(17-16(11)13(9-19)10-20-17)21-24(22,23)14-4-2-3-12(7-14)8-18/h2-7,10,20-21H,1H3
InChI Key	LWGUASZLXHYWIV-UHFFFAOYSA-N
Canonical SMILES	CC1=C2C(=CNC2=C(C=C1)NS(=O)(=O)C3=CC=CC(=C3)C#N)C#N
Form	Lyophilized powder
Purity	$\geq 98\%$
Titer	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects
Solubility	<i>In vitro</i> : DMSO: 64 mg/mL (190.26 mM); Water: insoluble; Ethanol: insoluble
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	E7820 is a cytoskeletal signaling inhibitor that can be used for its ability to disrupt microtubule dynamics and inhibit tumor cell proliferation.
Storage	Store at -20°C, and keep desiccated.