



Product Information

Integrin inhibitor, A-205804, Purity $\geq 98\%$

Cat. No.: X24-08-YM286

Size: 10 mg; 20 mg; 50 mg; 100 mg

MDL: MFCD09038566

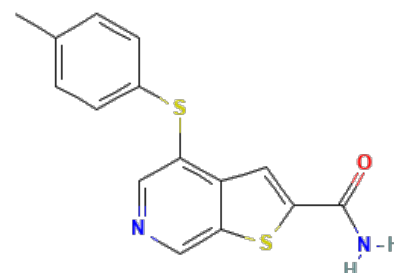
CAS Number: 251992-66-2

Compound CID: 9839311

Synonym: 251992-66-2; A205804; A 205804;

4-(4-Methylphenyl)sulfanyltieno[2,3-c]pyridine-2-carboxamide

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



Product Information

Description	A-205804, 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	300.39
Molecular Formula	C ₁₅ H ₁₂ N ₂ OS ₂
IUPAC Name	4-(4-Methylphenyl)sulfanyltieno[2,3-c]pyridine-2-carboxamide
InChI	InChI=1S/C15H12N2OS2/c1-9-2-4-10(5-3-9)19-13-7-17-8-14-11(13)6-12(20-14)15(16)18/h2-8H,1H 3,(H2,16,18)
InChI Key	QQGWEXFLMJGCAL-UHFFFAOYSA-N
Canonical SMILES	CC1=CC=C(C=C1)SC2=C3C=C(SC3=CN=C2)C(=O)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: 52 mg/mL (173.1 mM); Water: insoluble; Ethanol: insoluble
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	A-205804 is a cytoskeletal signaling inhibitor that can be used for its effects on integrin-mediated processes such as cell adhesion, migration, and angiogenesis, with potential implications in cancer therapy.\
Storage	Store at -20°C, and keep desiccated.