



Product Information

Integrin inhibitor, R-BC154, Purity ≥98%

Cat. No.: X24-08-YM295

Size: 1 mg; 2 mg; 5 mg; 10 mg

Synonym: RBC154

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

Product Information

Description	R-BC154 is an effective cytoskeleton inhibitor, that has the ability to prevent the pathway of cytoskeletal signaling by inhibiting integrin.
Molecular Weight	1212.37
InChI Key	ITXAAOWFOURIHK-DEOSSOPVSA-N
Canonical SMILES	<chem>CC1=CC=CC=C1NC(=O)NC2=CC=C(C=C2)CC(=O)N3CCOCC3C(=O)N4CCC(CC4)CC(=O)O</chem>
Isomeric SMILES	<chem>CC1=CC=CC=C1NC(=O)NC2=CC=C(C=C2)CC(=O)N3CCOC[C@H]3C(=O)N4CCC(CC4)CC(=O)O</chem>
Form	Lyophilized powder
Purity	≥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	R-BC154 is a cytoskeletal signaling inhibitor that can be used for its potential to inhibit integrin-mediated processes, particularly in cancer therapy where integrin αvβ3 plays a role in tumor growth and metastasis.
Storage	Store at -20°C, and keep desiccated.