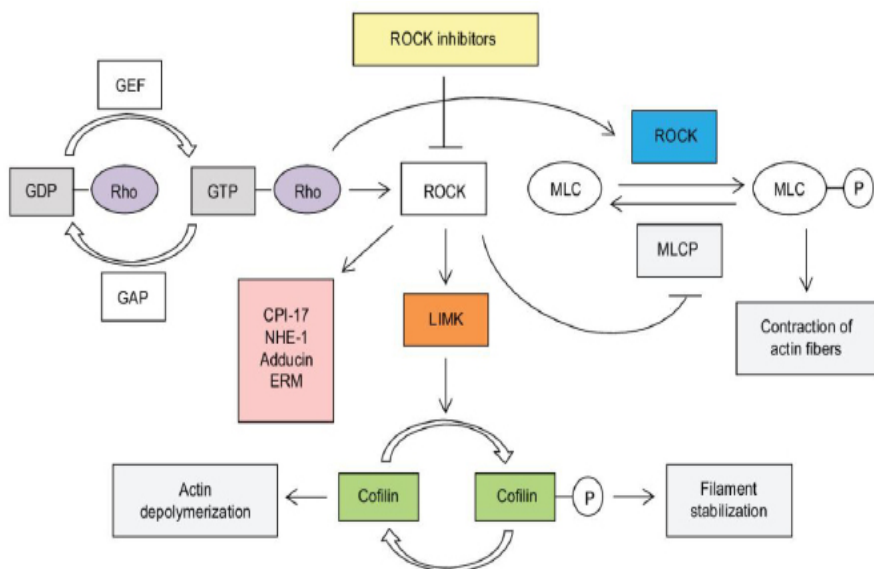


Rho Kinase (ROCK) Inhibitors

Rho-associated protein kinases (ROCKs) are enzymes that phosphorylate Serine/Threonine residues on various cytoskeletal proteins involved in modulating the shape (morphology, polarity) and movement (motility, contractility) of cells. ROCK 1 & 2 are the two main human ROCKs which are similar in sequence but have different downstream targets. ROCKs are involved in various aspects of actin-filament organization that is central to the elasticity/contractility of a cell (important during cytokinesis). ROCKs contribute to phosphorylation of tumor suppressor proteins,

cell fate determination proteins, downregulation of insulin signaling, membrane-blebbing during apoptosis, shaping neuronal architecture, neurite elongation & cell-cell adhesion events. Justifiably, ROCK signaling is important in many diseases including diabetes, neurodegenerative diseases, cardiovascular diseases, pulmonary hypertension, Atherosclerosis & cancer. ROCK inhibitors have a lot of therapeutic potential for the treatment of many of these diseases including the prevention of cell migration, tissue thickening during tumor formation & invasion of malignant cells into healthy tissues during cancer progression. Several small-molecules like Fasudil and Y-27632 have been broadly used as ATP-competitive ROCK inhibitors. BioVision offers a wide selection of structurally diverse ROCK inhibitors for research including some inhibitors as ready-to-use EZSolution™ products.



Product Name	Cat. No.	Size	CAS. No.
(S)-H-1152 dihydrochloride	B1106	1 mg, 5 mg	451462-58-1
AT-13148	B1144	5 mg, 25 mg	1056901-62-2
EZSolution™ Fasudil hydrochloride, Sterile-filtered	B2249	5 mg	105628-07-7
Fasudil, Monohydrochloride	1787	10 mg, 50 mg	105628-07-7
GSK-269962	9654	5 mg, 25 mg	850664-21-0
GSK-269962 hydrochloride	B2425	5 mg, 25 mg	2095432-71-4
GSK429286A	2637	1 mg, 5 mg	864082-47-3
EZSolution™ GSK429286A	2640	1 mg	864082-47-3
Hydroxyfasudil Hydrochloride	B1559	5 mg, 25 mg	155558-32-0
Netarsudil dihydrochloride	B2387	5 mg, 25 mg	1253952-02-1
Ripasudil hydrochloride dihydrate	B2984	1 mg, 5 mg	887375-67-9
RKI-1313	B1092	5 mg, 25 mg	1342276-76-9
RKI-1447	2472	5 mg, 25 mg	1342278-01-6
ROCK Inhibitor (Rockout)	2342	5 mg, 25 mg	7272-84-6

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Product Name	Cat. No.	Size	CAS. No.
ROCK-II Inhibitor	B2934	5 mg, 25 mg	1225199-26-7
SAR-407899 free base	B3356	5 mg, 25 mg	923359-38-0
SLx-2119	B3399	5 mg, 25 mg	911417-87-3
Thiazovivin	1681	1 mg, 5 mg	1226056-71-8
EZSolution™ Thiazovivin	1736	1 mg	1226056-71-8
EZSolution™ Thiazovivin, Sterile-Filtered	1993	1 ml	1226056-71-8
EZSolution™ Y-27632	1784	5 mg	129830-38-2
Y-27632, dihydrochloride	1596	1 mg, 5 mg, 50 mg	129830-38-2
EZSolution™ Y-27632, Sterile-Filtered	1994	1 ml	129830-38-2
ZINC00881524	B1840	5 mg, 25 mg	557782-81-7

Please visit www.BioVision.com for detailed information on these products.