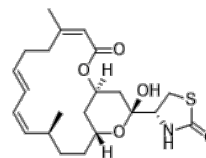


Product Name : Latrunculin A
Cat. No. : PC-27618
CAS No. : 76343-93-6
Molecular Formula : C₂₂H₃₁NO₅S
Molecular Weight : 421.55
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Latrunculin A (LAT-A) is a natural compound isolated from red sea sponge *Latrunculia magnifica*, is a G-actin polymerization inhibitor, binds to actin monomers and inhibits polymerization of actin with K_d of 0.1, 0.4, 4.7 and 0.19 μM for ATP-actin, ADP-Pi-actin, ADP-actin and G-actin, respectively.

Latrunculin A is a potent inhibitor of the microfilament-mediated processes of fertilization and early development in sea urchins and in mice.

Latrunculin A is a potent inhibitor of phagocytosis by macrophages.

Latrunculin A is an inhibitor of actin assembly.

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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