

Phalloidin-Janelia Fluor®646

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Phalloidin-Janelia Fluor®646 is a red fluorescent F-actin probe. Phalloidin-Janelia Fluor®646 is composed of the F-actin probe, Phalloidin, conjugated to Janelia Fluor®646. It is suitable for use in confocal and super-resolution microscopy techniques such as dSTORM. Excitation/emission maximum $\lambda = 646/664$ nm.
Targets(IC50)	Others

Reference

Grimm et al (2015) A general method to improve fluorophores for live-cell and single-molecule microscopy. Nat. Methods 12 244 PMID: 25599551

Cooper et al (1987) Effects of cytochalasin and phalloidin on actin. J.Cell.Biol. 105 1473 PMID: 3312229

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