

RuBP-4S

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([Ruthenium(bathophenanthroline)(bis(bathophenanthrolinedisulfonate)) salt) is a luminescent ruthenium complex similar to RuBPS (80021).



Product attributes

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	Probe cellular localization	Fluid phase tracer
	Cell permeability	Membrane impermeant
	Colors	Red
	Excitation/Emission	462 (hroad)/603 nm

Product Description

 $RuBP-4S\ ([Ruthenium(bathophenanthroline)(bis(bathophenanthrolinedisulfonate))], disodium\ salt)\ is\ a\ luminescent$ ruthenium complex similar to RuBPS (80021). Two of the bathophenanthroline ligands are bis-sulfonated while the third bathophenanthroline ligand is neutral, resulting in an overall double negative charges of the ruthenium complex. RuBP-4Sshares the spectral properties of RuBPS and may also have similar applications.

- λεx/λ Em(H2O)= 462 (broad)/603 nm
- Yellow solid soluble in water
- Store at 4°C and protect from light
- C72H44N6Na2O12RuS4
- MW: 1460.46

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