

RuBP-2S

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(Ruthenium(bis(bathophenanthroline))(bathophenanthrolinedisulfonate) 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
Evoltation/Emission	462 (broad)/602 pm

Product Description

 $RuBP-2S\ (Ruthenium (bis (bathophen anthroline)) (bathophen anthroline disulfonate)\ is\ a\ luminescent$ ruthenium complex similar to RuBPS (80021). Two of the bathophenanthroline ligands are neutral while the third bathophenanthroline ligand is bis-sulfonated, resulting in an overall neutral charge of the ruthenium complex. RuBP-2S shares the spectral properties of RuBPS and may also have similar applications.

- $\lambda_{Ex}/\lambda_{Em}(H2O) = 462 \text{ (broad)/603 nm}$
- Yellow solid soluble in water
- Store at 4°C and protect from light
- C72H46N6O6RuS2
- MW: 1256.3

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