Biotium

Supplier of fluorescent and related biochemical reagents for life science research and drug discovery
Glowing Products for Science™

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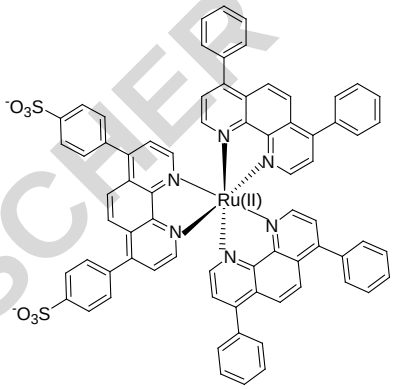
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PRODUCT AND SAFETY DATA SHEET

PRODUCT NAME: **RuBP-2S** (Ruthenium(bis(bathophenanthroline))(bathophenanthrolinedisculfonate))

CATALOG # **80024**

MOLECULAR INFORMATION: $C_{72}H_{46}N_6O_6RuS_2$
MWt: 1256.3



PROPERTIES:

Color & Form	Yellow solid
Solubility	Soluble in DMF
Absorption/Emission	462 (broad)/603 nm (in MeOH)
Extinction Coefficient	16,000

STORAGE AND HANDLING: Store at 4 °C and protect from light

APPLICATION: RuBP-2S 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 (See product description for #80021).

RELATED PRODUCTS *RuPBS (#80021); RuBP-4S(#80025)*

TOXICITY: Not established. Not listed by NTP, IARC or OSHA.

FIRST AID: Potentially harmful. Avoid prolonged or repeated exposure. Avoid getting in eyes, on skin, or on clothing. Wash thoroughly after handling. If eye or skin contact occurs, wash affected areas with plenty of water for 15 minutes and seek medical advice. In case of inhaling or swallowing, move individual to fresh air and seek medical advice immediately.

Disclaimer: *Materials from Biotium are sold for research use only, and are not intended for food, drug, household, or cosmetic use. Biotium is not liable for any damage resulting from handling or contact with this product.*

DOMINIQUE DUTSCHER SAS