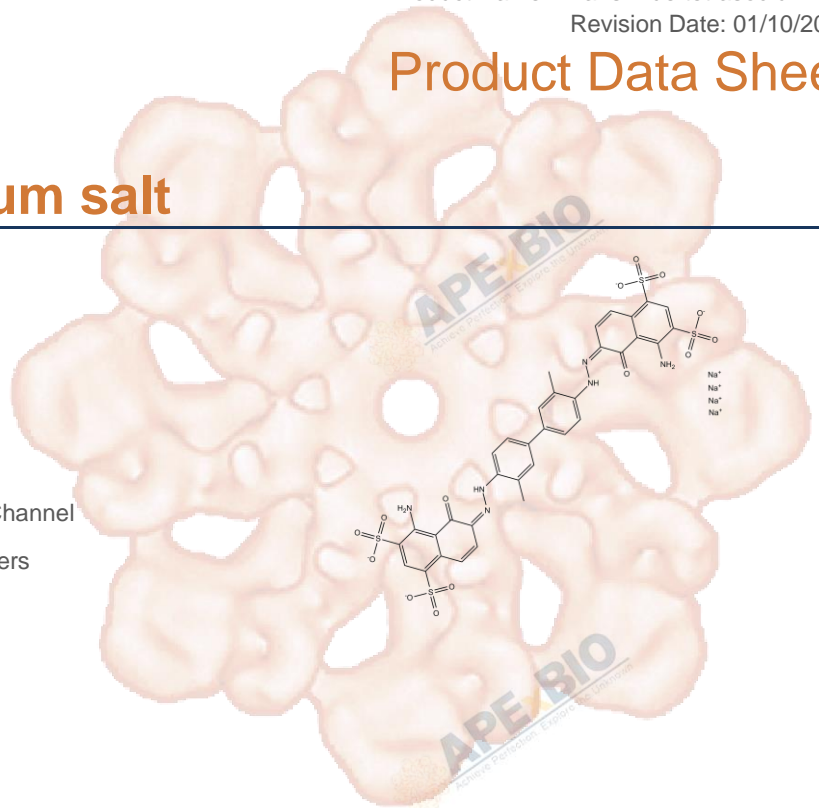


Product Data Sheet

Evans Blue tetrasodium salt

Cat. No.: B6472
CAS No.: 314-13-6
Formula: C₃₄H₂₄N₆Na₄O₁₄S₄
M.Wt: 960.82
Synonyms:
Target: Membrane Transporter/Ion Channel
Pathway: Glutamate (EAAT) Transporters
Storage: Store at RT



Solvent & Solubility

insoluble in EtOH; ≥ 192.4 mg/mL in DMSO; ≥ 213.8 mg/mL in H₂O

In Vitro

| Preparing Stock Solutions | Solvent | Mass | | |
|---------------------------|----------------------|-----------|-----------|------------|
| | | 1mg | 5mg | 10mg |
| | Concentration | | | |
| | 1 mM | 1.0408 mL | 5.2039 mL | 10.4078 mL |
| | 5 mM | 0.2082 mL | 1.0408 mL | 2.0816 mL |
| | 10 mM | 0.1041 mL | 0.5204 mL | 1.0408 mL |

Please refer to the solubility information to select the appropriate solvent.

Biological Activity

Shortsummary

L-glutamate uptake inhibitor, dye used to detect cell viability and plasma membrane integrity

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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