

## PHYSICAL AND CHEMICAL PROPERTIES

**Product Name:** Raltitrexed

**Catalog Number:** BCC4457

**Cas No.:** 112887-68-0

**Formula:** C<sub>21</sub>H<sub>22</sub>N<sub>4</sub>O<sub>6</sub>S

**M.Wt:** 458.49

**Purity:** >98%

**Physical Description:** N/A

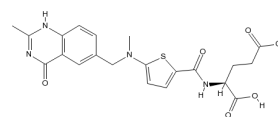
**Synonyms:** ZD1694; D1694; ICI-D1694

**Chemical Name:** (2S)-2-[[5-[methyl-[(2-methyl-4-oxo-1H-quinazolin-6-yl)methyl]amino]thiophene-2-carbonyl]amino]pentanedioic acid

**SMILES:** CC1=NC(=O)C2=C(N1)C=CC(=C2)CN(C)C3=CC=C(S3)C(=O)NC(CCC(=O)O)C(=O)O

**Solubility:** DMSO : ≥ 29 mg/mL (63.25 mM)

\*"≥" means soluble, but saturation unknown.



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## STORAGE AND SHIPPING

**Storage:** Store the product in sealed, cool and dry condition.

**General tips:** For obtaining a higher solubility, please warm the tube at 37° and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20° for several months.

**Shipping Condition:** Ship with RT , or blue ice upon request

## INTENDED USE

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

## 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 BioCrick 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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