

## PHYSICAL AND CHEMICAL PROPERTIES

**Product Name:** MK-571 sodium salt hydrate

**Catalog Number:** BCC8076

**Cas No.:** 115103-85-0

**Formula:** C<sub>26</sub>H<sub>26</sub>ClN<sub>2</sub>NaO<sub>3</sub>S<sub>2</sub>

**M.Wt:** 537.07

**Purity:** >98%

**Physical Description:** N/A

**Synonyms:** L-660711 sodium salt

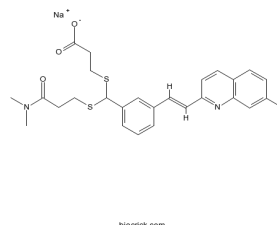
**Chemical Name:** sodium;3-[[3-[(E)-2-(7-chloroquinolin-2-yl)ethenyl]phenyl]-[3-(dimethylamino)-3-oxopropyl]sulfanylmethyl]sulfanylpropanoate

**SMILES:** CN(C)C(=O)CCSC(C1=CC=CC(=C1)C=CC2=NC3=C(C=CC(=C3)Cl)C=C2)SCCC(=O)[O-].[Na+]

**Solubility:** DMSO : ≥ 33 mg/mL (61.44 mM)

H<sub>2</sub>O : 12.5 mg/mL (23.27 mM; Need ultrasonic)

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



## 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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F9-15, Building B2, Tianfu Life Science Park, 88 South Keyuan Road, Hi-Tech Zone, Chengdu, Sichuan 610041, PRC  
Tech Support: service@biocrick.com Tel: +86-28-8543-3893 FAX: +86-28-8543-3893