

## PHYSICAL AND CHEMICAL PROPERTIES

**Product Name:** MLN8237 (Alisertib)

**Catalog Number:** BCC2166

**Cas No.:** 1028486-01-2

**Formula:** C<sub>27</sub>H<sub>20</sub>ClFN<sub>4</sub>O<sub>4</sub>

**M.Wt:** 518.92

**Purity:** >98%

**Physical Description:** N/A

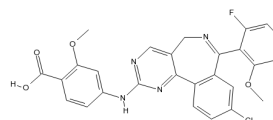
**Synonyms:** MLN 8237

**Chemical Name:** 4-[[9-chloro-7-(2-fluoro-6-methoxyphenyl)-5H-pyrimido[5,4-d][2]benzazepin-2-yl]amino]-2-methoxybenzoic acid

**SMILES:** COC1=C(C(=CC=C1)F)C2=NCC3=CN=C(N=C3C4=C2C=C(C(=C4)Cl)NC5=CC(=C(C=C5)C(=O)O)OC

**Solubility:** DMSO : 41.67 mg/mL (80.30 mM; Need ultrasonic)

H<sub>2</sub>O : < 0.1 mg/mL (insoluble)



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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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