

## Product Data Sheet

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Product Name: UC-764864

Cat. No.: GC73485

### Chemical Properties

Cas. No. 278806-03-4

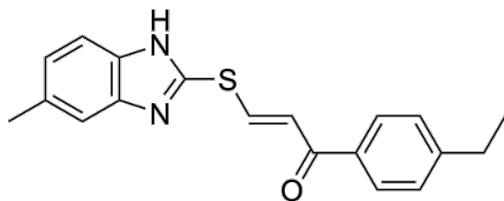
Formula  $C_{19}H_{18}N_2OS$  M.Wt 322.42

Solubility DMSO : 125 mg/mL (387.69 mM; Storage -20°C  
Need ultrasonic)

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

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



### Background

**Caution: Product has not been fully validated for medical applications. For research use only.**

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UC-764864 is a UBE2N inhibitor. UC-764864 inhibits UBE2N enzymatic activity. UC-764864 has cytotoxic effects and inhibition of UBE2N-dependent signaling in leukemic cells. UC-764864 blocks ubiquitination of innate immune- and inflammatory-related substrates in human AML cell lines.

### References:

[1]. Barreyro L, et al. Blocking UBE2N abrogates oncogenic immune signaling in acute myeloid leukemia. Sci Transl Med. 2022 Mar 9;14(635):eabb7695.

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