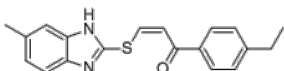


**Product Name** : UC-764864  
**Cat. No.** : PC-72868  
**CAS No.** : 278806-03-4  
**Batch No.** : PC-7286801  
**Chemical Name** : 1-(4-Ethylphenyl)-3-((5-methyl-1H-benzo[d]imidazol-2-yl)thio)prop-2-en-1-one

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 322.426  
**Molecular Formula** : C<sub>19</sub>H<sub>18</sub>N<sub>2</sub>OS  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 6 Months

**Chemical Structure** : 

### ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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