

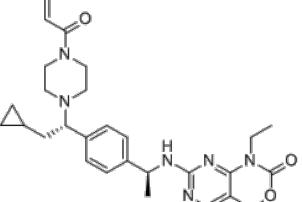
## Certificate of Analysis

Global Supplier of Chemical Probes, Inhibitors & Agonists.

**Product Name** : LY3410738  
**Cat. No.** : PC-49659  
**CAS No.** : 2230263-60-0  
**Batch No.** : PC-4965901  
**Chemical Name** : 7-(((S)-1-(4-((S)-1-(4-acryloylpiperazin-1-yl)-2-cyclopropylethyl)phenyl)ethyl)amino)-1-ethyl-1,4-dihydro-2H-pyrimido[4,5-d][1,3]oxazin-2-one

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 504.64  
**Molecular Formula** : C<sub>28</sub>H<sub>36</sub>N<sub>6</sub>O<sub>3</sub>  
**Storage** : Powder -20°C 12 Months  
In solvent 4°C 6 Months  
-80°C 6 Months  
-20°C 6 Months  
**Chemical Structure** :



The chemical structure of LY3410738 is a complex molecule. It features a piperazine ring substituted with an acryloyl group (a vinyl group attached to a carbonyl) and a cyclopropylethyl group. This piperazine ring is further substituted with a phenyl ring, which is attached to a pyrimido[4,5-d][1,3]oxazin-2-one ring. The oxazin ring has an ethyl group and a hydrogen atom. The entire molecule is an amine derivative.

### 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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