

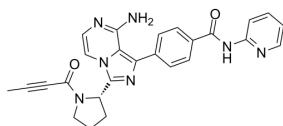
## Acalabrutinib

Cat. No.: HY-17600  
CAS No.: 1420477-60-6  
Batch No.: 38728  
Chemical Name: Benzamide, 4-[8-amino-3-[(2S)-1-(1-oxo-2-butyn-1-yl)-2-pyrrolidinyl]imidazo[1,5-a]pyrazin-1-yl]-N-2-pyridinyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>26</sub>H<sub>23</sub>N<sub>7</sub>O<sub>2</sub>  
Molecular Weight: 465.51  
Storage: Powder            -20°C    3 years  
                                    4°C        2 years  
                                    In solvent    -80°C    6 months  
   -20°C    1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (HPLC): 99.94%  
Conclusion: The product has been tested and complies with the given specifications.

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

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