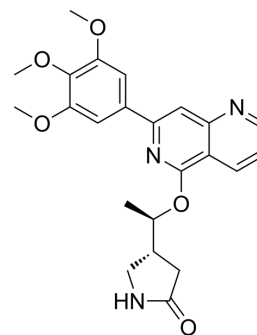


## BI1002494

Cat. No.:	HY-124146
CAS No.:	1319738-39-0
Molecular Formula:	C <sub>23</sub> H <sub>25</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	423.46
Target:	Syk
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

BI1002494 is an orally active, potent, and selective spleen tyrosine kinase (SYK) inhibitor. BI 1002494 exhibits an IC<sub>50</sub> of 115 nM in inhibiting high-affinity IgE receptor-mediated mast cell and basophil degranulation. BI1002494 can be utilized in immunology reesearch<sup>[1]</sup>.

### REFERENCES

[1]. Lamb DJ, et al. BI 1002494, a Novel Potent and Selective Oral Spleen Tyrosine Kinase Inhibitor, Displays Differential Potency in Human Basophils and B Cells. J Pharmacol Exp Ther. 2016 Jun;357(3):554-61.

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

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