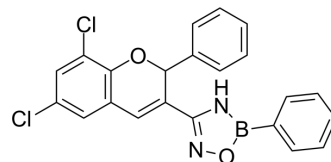


## BT424

Cat. No.:	HY-155657
CAS No.:	2755180-37-9
Molecular Formula:	C <sub>22</sub> H <sub>15</sub> BCl <sub>2</sub> N <sub>2</sub> O <sub>2</sub>
Molecular Weight:	421.08
Target:	Src
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



## BIOLOGICAL ACTIVITY

### Description

BT424 is a specific HCK inhibitor. BT424 can regulate macrophage activation and autophagy in vitro. BT424 ameliorates inflammation and kidney fibrosis in UUO model<sup>[1]</sup>.

## REFERENCES

[1]. Chen M, et al. HCK induces macrophage activation to promote renal inflammation and fibrosis via suppression of autophagy. Nat Commun. 2023 Jul 18;14(1):4297.

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

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