

AAP4

## Chemical Properties

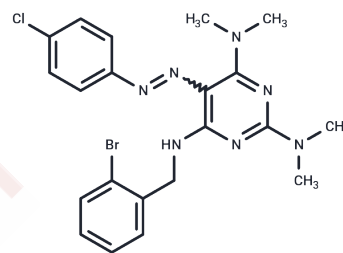
CAS No. :

Formula: C<sub>21</sub>H<sub>23</sub>BrClN<sub>7</sub>

Molecular Weight: 488.811

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	AAP4 is a potent inhibitor of OfChi-h and OfHex1, exhibiting Ki values of 29.3 nM and 4.9 μM, respectively. It also demonstrates insecticidal activity against the lepidopteran pest <i>Ostrinia furnacalis</i> .
Targets(IC50)	Parasite

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0458 mL	10.2289 mL	20.4578 mL
5 mM	0.4092 mL	2.0458 mL	4.0916 mL
10 mM	0.2046 mL	1.0229 mL	2.0458 mL
50 mM	0.0409 mL	0.2046 mL	0.4092 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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