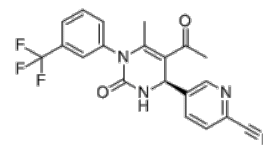


**Product Name** : BAY-678  
**Cat. No.** : PC-60473  
**CAS No.** : 675103-36-3  
**Molecular Formula** : C<sub>20</sub>H<sub>15</sub>F<sub>3</sub>N<sub>4</sub>O<sub>2</sub>  
**Molecular Weight** : 400.361  
**Target** : Elastase  
**Solubility** : 10 mM in DMSO



## Biological Activity

BAY-678 (BAY678) potent, selective, cell permeable human **neutrophil elastase** (HNE) inhibitor with IC<sub>50</sub> of 20 nM. BAY-678 displays >2,000-fold selectivity over a panel of serine proteases (IC<sub>50</sub>>30 μM).

## References

- von Nussbaum F, et al. *ChemMedChem*. 2015 Jul;10(7):1163-73.  
von Nussbaum F, et al. *ChemMedChem*. 2016 Jan 19;11(2):199-206.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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