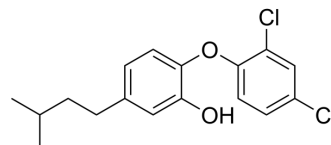


## InhA-IN-7

Cat. No.:	HY-160678
CAS No.:	952588-17-9
Molecular Formula:	C <sub>17</sub> H <sub>18</sub> Cl <sub>2</sub> O <sub>2</sub>
Molecular Weight:	325.23
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	InhA-IN-7 (Compound 11) is a Triclocan (HY-B1119) derivative with inhibitory activity towards enoyl-acyl carrier protein reductase (InhA) with an IC <sub>50</sub> of 96 nM. InhA-IN-7 inhibits proliferations of Mycobacterium tuberculosis wildtype and mutant strains with MICs ranging from 19 to 75 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	96 nM (InhA)

### REFERENCES

[1]. Freundlich JS, et al., Triclocan derivatives: towards potent inhibitors of drug-sensitive and drug-resistant Mycobacterium tuberculosis. ChemMedChem. 2009 Feb;4(2):241-8.

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

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