**Product datasheet**

**Clozapine N-oxide, Metabolite of Clozapine ab141704**

1 Abreviews 10 References

### Overview

**Product name**  
Clozapine N-oxide, Metabolite of Clozapine

**Description**  
Metabolite of Clozapine

**Biological description**  
Metabolite of atypical antipsychotic Clozapine (ab120019). Active in vitro and in vivo.

**Purity**  
> 99%

**CAS Number**  
34233-69-7

**Chemical structure**

![Chemical structure](image)

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### Properties

**Chemical name**  
8-Chloro-11-(4-methyl-1-piperazinyl)-5H-dibenzo[b,e](1,4)diazepine N-oxide

**Molecular weight**  
342.83

**Molecular formula**  
C\textsubscript{18}H\textsubscript{19}ClN\textsubscript{4}O

**PubChem identifier**  
36727

**Storage instructions**  
Store at Room Temperature. The product can be stored for up to 12 months.

**Solubility overview**  
Soluble in water to 100 mM

**Handling**  
Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Toxic, refer to SDS for further information.

Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

**SMILES**  
CN1CC(CC1)C2=C3C=CC=CC3=NC4=C(N2O)C=C(C=C4)Cl

**Source**  
Synthetic
Please note: All products are “FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS”

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