# 3-Amino-2,5-dichlorobenzoic acid, N-dimethylaminomethylene-, methyl ester

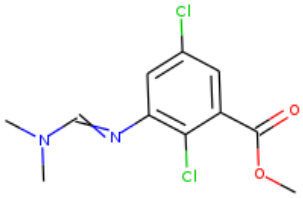
**InChI**: InChI=1S/C11H12Cl2N2O2/c1-15(2)6-14-9-5-7(12)4-8(10(9)13)11(16)17-3/h4-6H,1-3H3

**InChI Key**: HYZFQWSMJIFMQX-UHFFFAOYSA-N

**Formula**: C11H12Cl2N2O2

**SMILES**: COC(=O)c1cc(Cl)cc(N=CN(C)C)c1Cl

**Molecular Weight**: 275.13




## Physical Properties

| Property | Value | Unit | Source |
|---|---|---|---|
| $\Delta_f H°_{gas}$ | -194.78 | kJ/mol | Joback Method |
| $\Delta_{vap} H°$ | 67.62 | kJ/mol | Joback Method |
| $log P_{oct/wat}$ | 3.00 | | Crippen Method |
| $P_c$ | 2218.71 | kPa | Joback Method |
| $T_{boil}$ | 732.97 | K | Joback Method |
| $T_c$ | 962.73 | K | Joback Method |

## Sources

**Joback Method**: https://en.wikipedia.org/wiki/Joback_method

**NIST Webbook**: http://webbook.nist.gov/cgi/inchi/InChI=1S/C11H12Cl2N2O2/c1-15(2)6-14-9-5-7(12)4-8(10(9)13)11(16)17-3/h4-6H,1-3H3

**Crippen Method**: http://pubs.acs.org/doi/abs/10.1021/ci990307l

## Legend

$\Delta_f H°_{gas}$: Enthalpy of formation at standard conditions (kJ/mol).
$\Delta_{vap} H°$: Enthalpy of vaporization at standard conditions (kJ/mol).
$log P_{oct/wat}$: Octanol/Water partition coefficient .
$P_c$: Critical Pressure (kPa).

$T_{boil}$: Normal Boiling Point Temperature (K).
$T_c$: Critical Temperature (K).