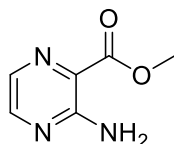


## Methyl-3-amino-2-pyrazinecarboxylate

Code No.: **BIA-M2574**

Pack sizes: **25 mg, 100 mg**



Synonyms : Methyl 3-aminopyrazinecarboxylate, NSC 123649

### Specifications

CAS #	: <b>16298-03-6</b>
Molecular Formula	: <b>C<sub>6</sub>H<sub>7</sub>N<sub>3</sub>O<sub>2</sub></b>
Molecular Weight	: <b>153.14</b>
Source	: <b>Synthetic</b>
Appearance	: <b>White solid</b>
Purity	: <b>&gt;95% by HPLC</b>
Long Term Storage	: <b>-20°C</b>
Solubility	: <b>Soluble in methanol or DMSO</b>

### Application Notes

Methyl-3-amino-2-pyrazinecarboxylate is prepared by esterification of 3-aminopyrazine-2-carboxylic acid with methanol in the presence of 65% oleum. Esters of 3-aminopyrazine-2-carboxylic acid are reported to be active against M. tuberculosis.

### References

1. Preparation of 3-aminopyrazine-2-carboxylic acid methyl ester. Biernat J. Pol. 1993, PL 159729 B1 19930129.
2. Aminopyrazinoic acid esters as potential antimycobacterial drugs. Dolezal M. et al. Acta Poloniae Pharmaceutica 1977, 34, 561.