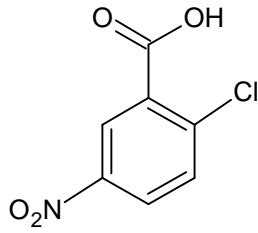


2-Chloro-5-nitrobenzoic acid

$(\text{NO}_2)\text{ClC}_6\text{H}_3\text{COOH}$

CNBA



Software: CHETAH Ver. 8.0 (ASTM)

Heat of decomposition: 2.76 kJ/g

Decomposition products:

| Moles | State   | Species          |                  |
|-------|---------|------------------|------------------|
| 5.750 | ref-cr  | C                | Carbon           |
| 0.500 | ref-gas | N <sub>2</sub>   | Nitrogen         |
| 1.250 | gas     | CO <sub>2</sub>  | Carbondioxide    |
| 1.000 | gas     | HCl              | Hydrogenchloride |
| 1.500 | gas     | H <sub>2</sub> O | Water            |

Oxygen balance: -91.282