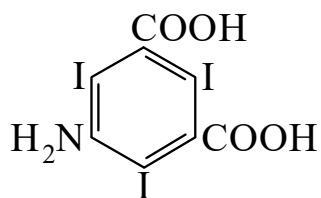




>> / Name: 5-Amino-2,4,6-triiodo-1,3-benzenedicarboxylic acid, 9CI



**CAS Registry Number:** 35453-19-1

**Molecular Formula:** C<sub>8</sub>H<sub>4</sub>I<sub>3</sub>NO<sub>4</sub>

**Molecular Weight:** 558.837

**Accurate Mass:** 558.727453

**Percentage Composition:** C 17.19%; H 0.72%; I 68.13%; N 2.51%; O 11.45%

**Physical Description:** Cryst. (MeOH aq.)

**Aldrich:** 44436-7

>>Derivative: Di-Me ester

**CAS Registry Number:** 154921-11-6

**Molecular Formula:** C<sub>10</sub>H<sub>8</sub>I<sub>3</sub>NO<sub>4</sub>

**Molecular Weight:** 586.891

**Accurate Mass:** 586.758753

**Percentage Composition:** C 20.47%; H 1.37%; I 64.87%; N 2.39%; O 10.90%

**Physical Description:** Plates (MeOH/Et<sub>2</sub>O)

**Melting Point:** Mp 163-164°

>>Derivative: Dichloride

**CAS Registry Number:** 37441-29-5

**Molecular Formula:** C<sub>8</sub>H<sub>2</sub>Cl<sub>2</sub>I<sub>3</sub>NO<sub>2</sub>

**Molecular Weight:** 595.728

**Accurate Mass:** 594.659677

**Percentage Composition:** C 16.13%; H 0.34%; Cl 11.90%; I 63.91%; N 2.35%; O 5.37%

**Physical Description:** Yellow cryst. solid

**Melting Point:** Mp 230-231°

#### References:

Pillai, K.M.R. *et al.*, *J.O.C.*, 1994, **59**, 1344, (*synth, uv, ir, cmr, derivs*)