



>>Entry Name: *N*-Glycylaspartic acid, 9Cl



**Molecular Formula:** C<sub>6</sub>H<sub>10</sub>N<sub>2</sub>O<sub>5</sub>

**Molecular Weight:** 190.155

**Accurate Mass:** 190.058973

**Percentage Composition:** C 37.90%; H 5.30%; N 14.73%; O 42.07%

>>Variant: L-form

**CAS Registry Number:** 4685-12-5

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**Accurate Mass:** 190.058973

**Percentage Composition:** C 37.90%; H 5.30%; N 14.73%; O 42.07%

**pKa Value:** p*K*<sub>a2</sub> 4.45; p*K*<sub>a3</sub> 8.6

**Fluka:** 50170

**Rare Chemicals Library:** S45507-5

**Sigma:** G0752

>>Derivative: H-Gly-Asp(OBzl)-OBzl.HCl

**Melting Point:** Mp 163-165°

>>Derivative: Z-Gly-Asp(OMe)<sub>2</sub>.HCl

**Melting Point:** Mp 116-117°

#### References:

Grassmann, W. *et al.*, *Chem. Ber.*, 1958, **91**, 449, (*synth*)

Lieflander, M., *Hoppe Seyler's Z. Physiol. Chem.*, 1960, **320**, 35, (*synth*)

Cheung, H.T. *et al.*, *J.A.C.S.*, 1964, **86**, 4200, (*synth*)

Buse, G. *et al.*, *Hoppe Seyler's Z. Physiol. Chem.*, 1975, **356**, 895, (*synth*)