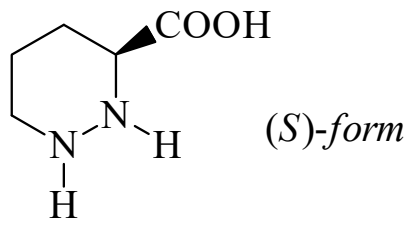
>>**Entry Name: Hexahydro-3-pyridazinecarboxylic acid,** 9CI
Synonym(s): Piperazic acid



(*S*)-*form*

CAS Registry Number: 32750-52-0

Molecular Formula: $C_5H_{10}N_2O_2$
Molecular Weight: 130.146
Accurate Mass: 130.074228
Percentage Composition: C 46.14%; H 7.74%; N 21.52%; O 24.59%

>>**Variant:** (*S*)-form

CAS Registry Number: 64044-11-7

Molecular Formula: $C_5H_{10}N_2O_2$
Molecular Weight: 130.146
Accurate Mass: 130.074228
Percentage Composition: C 46.14%; H 7.74%; N 21.52%; O 24.59%
Biological Source: Product of the hydrol. of Monamycins CKH82-U. Also present in azinothricins, verucopeptin, aurantamycins and others
Biological Use/Importance: Fairly potent GABA inhibitor with clinical potential por treatment of seizures

>>**Variant:** (±)-form

Molecular Formula: $C_5H_{10}N_2O_2$
Molecular Weight: 130.146
Accurate Mass: 130.074228
Percentage Composition: C 46.14%; H 7.74%; N 21.52%; O 24.59%
Physical Description: Oil

>>**Derivative:** N^1-(2,4-Dinitrophenyl)

Melting Point: Mp 202 dec.°

References:

Bevan, K. *et al.*, *J.C.S.(C)*, 1971, 514, *(isol, abs config)*
Davies, C.R. *et al.*, *J.C.S. Perkin 1*, 1976, 2390, *(synth)*
Hale, K.J. *et al.*, *Tetrahedron*, 1996, **52**, 1047-1068, *(synth, bibl, R-form, S-form)*