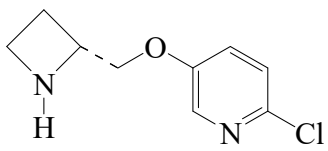
>>**Entry Name: 5-(2-Azetidinylmethoxy)-2-chloropyridine,** 9Cl
Synonym(s): ABT 594



(*R*)-*form*

Molecular Formula: $C_9H_{11}ClN_2O$
Molecular Weight: 198.651
Accurate Mass: 198.05599
Percentage Composition: C 54.42%; H 5.58%; Cl 17.85%; N 14.10%; O 8.05%
Biological Use/Importance: Potent , orally active non-opiate analgesic acting through neuronal nicotinic acetylcholine receptors

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

CAS Registry Number: 198283-73-7
Molecular Formula: $C_9H_{11}ClN_2O$
Molecular Weight: 198.651
Accurate Mass: 198.05599
Percentage Composition: C 54.42%; H 5.58%; Cl 17.85%; N 14.10%; O 8.05%
Other Data: Pharmacol. active isomer

>>**Derivative:** Hydrochloride

CAS Registry Number: 203564-54-9
Melting Point: Mp 116-117°
Optical Rotation: $[\alpha]_D^{23}$+8.6 (c, 0.52 in MeOH)

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

CAS Registry Number: 203564-57-2
Molecular Formula: $C_9H_{11}ClN_2O$
Molecular Weight: 198.651
Accurate Mass: 198.05599
Percentage Composition: C 54.42%; H 5.58%; Cl 17.85%; N 14.10%; O 8.05%

>>**Derivative:** Hydrochloride (1:2)

CAS Registry Number: 203564-48-1
Extra CAS Registry Numbers(s): 203564-53-8
Melting Point: Mp 113-115°

References:

Holladay, M.W. *et al.*, *J. Med. Chem.*, 1998, **41**, 407-412, *(synth, pmr, pharmacol)*
Bannon, A.W. *et al.*, *Science (Washington, D.C.)*, 1998, **279**, 77-81, *(pharmacol)*

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