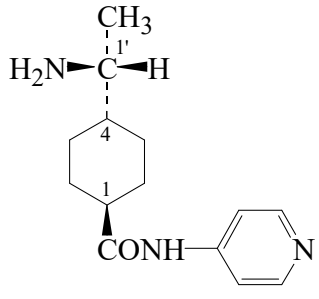
>>**Entry Name: 4-(1-Aminoethyl)-*N*-4-pyridinylcyclohexanecarboxamide,** 9Cl
Synonym(s): Y 27632



(1'*R*,1*RS*,4*RS*)-*form*

Related CAS Registry Numbers(s): 129758-26-5 149117-71-5

Molecular Formula: $C_{14}H_{21}N_3O$
Molecular Weight: 247.339
Accurate Mass: 247.168462
Percentage Composition: C 67.99%; H 8.56%; N 16.99%; O 6.47%
Biological Use/Importance: Rho-dependent kinase inhibitor

>>**Variant:** (1'*R*,1*RS*,4*RS*)-form
Synonym(s): (+)-*trans*-form
CAS Registry Number: 146986-50-7
Molecular Formula: $C_{14}H_{21}N_3O$
Molecular Weight: 247.339
Accurate Mass: 247.168462
Percentage Composition: C 67.99%; H 8.56%; N 16.99%; O 6.47%
Biological Use/Importance: Pharmacol. active isomer

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

CAS Registry Number: 129830-38-2
Melting Point: Mp 276° (dec.)
Optical Rotation: $[\alpha]_D^{23}$+4.6 (c, 1 in MeOH)

>>**Variant:** (1'*S*,1*RS*,4*RS*)-form
Synonym(s): (-)-*trans*-form

CAS Registry Number: 146986-51-8
Molecular Formula: $C_{14}H_{21}N_3O$
Molecular Weight: 247.339
Accurate Mass: 247.168462
Percentage Composition: C 67.99%; H 8.56%; N 16.99%; O 6.47%

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

CAS Registry Number: 129830-39-3
Melting Point: Mp 279° (dec.)
Optical Rotation: $[\alpha]_D$ –4.9 (c, 0.7 in MeOH)

References:

Eur. Pat., 1990, *Yoshitomi*, 370 498; *CA*, **113**, 171894a, *(synth, isomers, pharmacol)*
Uehata, M. *et al.*, *Nature (London)*, 1997, **389**, 990-994, *(pharmacol)*
Kuwahara, K. *et al.*, *FEBS Lett.*, 1999, **452**, 314-318, *(pharmacol)*