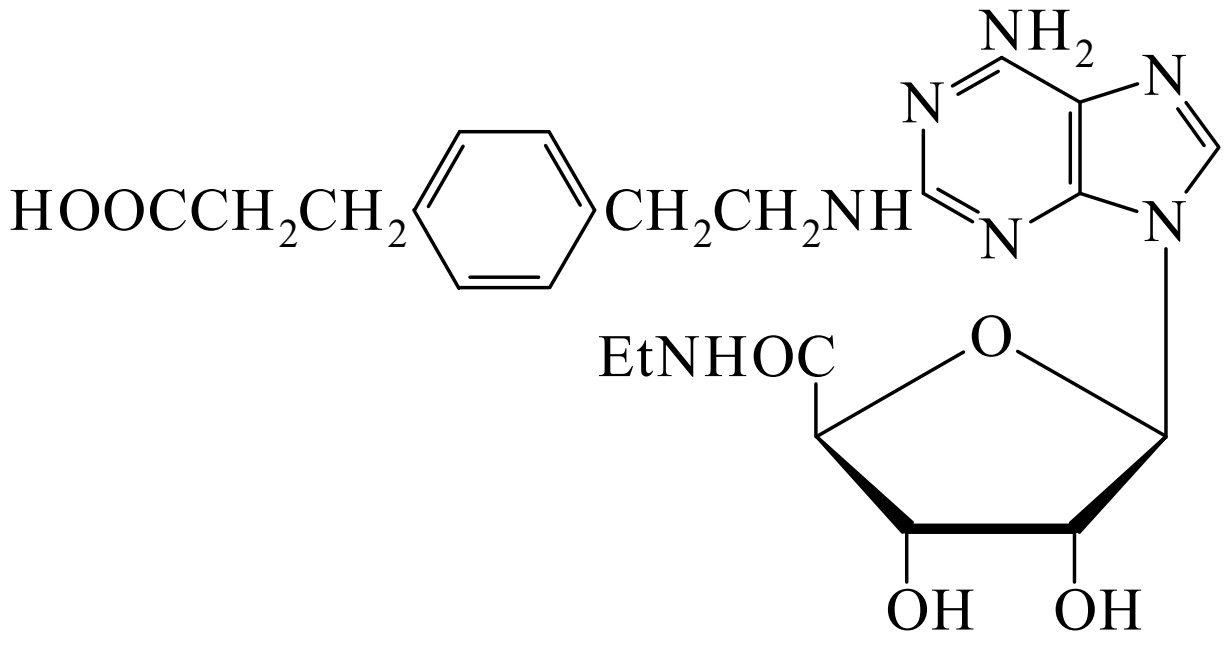
>>**Entry Name: 4-[2-[[6-Amino-9-(*N*-ethyl-β-D-ribofuranuronamidosyl)-9*H*-purin-2-yl]amino]ethyl]benzenepropanoic acid,** 9CI
Synonym(s): 2-[*p*-(Carboxyethyl)phenylethylamino]-5'-*N*-ethylcarboxamidoadenosine. CGS 21680



CAS Registry Number: 120225-54-9
Related CAS Registry Numbers(s): 120225-59-4 120225-64-1 129681-39-6

Molecular Formula: $C_{23}H_{29}N_7O_6$
Molecular Weight: 499.525
Accurate Mass: 499.217933
Percentage Composition: C 55.30%; H 5.85%; N 19.63%; O 19.22%
Use/Importance: Adenosine A_{2A}-receptor agonist. Hypotensive agent
Calculated Log P Data: Log P –0.1 (calc)

>>**Derivative:** Hydrochloride

CAS Registry Number: 124431-80-7
Melting Point: Mp 200-203°

>>**Derivative:** Me ester

CAS Registry Number: 127258-46-2
Molecular Formula: $C_{24}H_{31}N_7O_6$
Molecular Weight: 513.552
Accurate Mass: 513.233583
Percentage Composition: C 56.13%; H 6.08%; N 19.09%; O 18.69%
Melting Point: Mp 90-95° (as hydrochloride)
Other Data: CAS number refers to hydrochloride

References:

Eur. Pat., 1988, *Ciba-Geigy*, 277 917; *CA*, **110**, 193332f, *(synth, pharmacol)*
Hutchinson, A.J.*, J. Pharmacol. Exp. Ther.*, 1989, **251**, 47; 888, *(pharmacol)*
Hutchinson, A.J. *et al.*, *J. Med. Chem.*, 1990, **33**, 1919, *(synth)*
Webb, R.L. *et al.*, *Cardiovasc. Drug Rev.*, 1992, **10**, 26, *(rev)*
Irth, H. *et al.*, *J. Chromatogr., B: Biomed. Appl.*, 1994, **658**, 207, *(hplc)*
Kirk, I.P. *et al.*, *Br. J. Pharmacol.*, 1995, **114**, 537, *(pharmacol)*