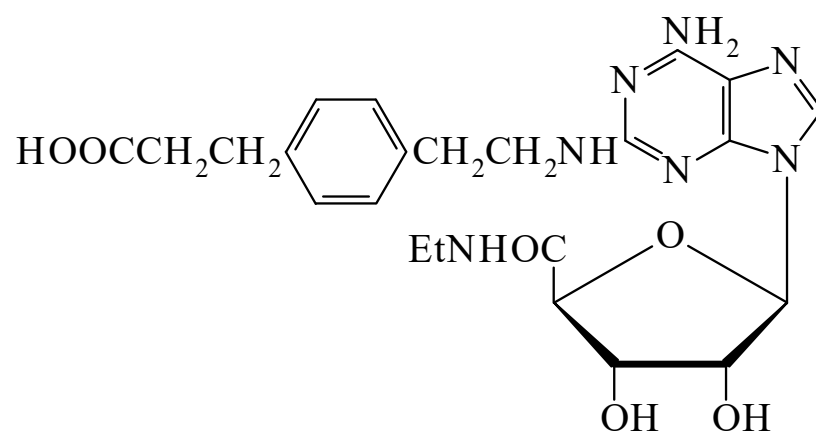




>>Entry Name: 4-[2-[[6-Amino-9-(*N*-ethyl-β-D-ribofuranuronamidosyl)-9*H*-purin-2-yl]amino]ethyl]benzenepropanoic acid, 9Cl

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: C₂₃H₂₉N₇O₆

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: C₂₄H₃₁N₇O₆

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:

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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*)

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