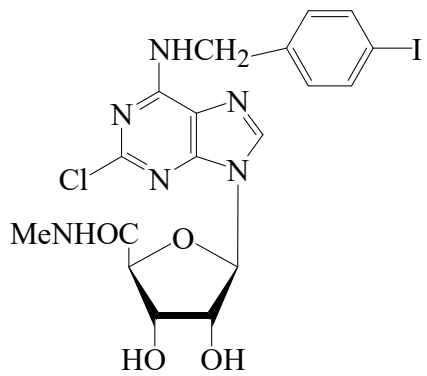
>>**Entry Name: 1-[2-Chloro-6-[[(3-iodophenyl)methyl]amino]-9*H*-purin-9-yl]-1-deoxy-*N*-methyl-β-D-ribofuranuronamide,** 9Cl
Synonym(s): 2-Chloro-N^6-(3-iodobenzyl)adenosine-5'-*N*-methyluronamide. 2-Chloro-1B-MECA



CAS Registry Number: 163042-96-4

Molecular Formula: $C_{18}H_{18}ClIN_6O_4$
Molecular Weight: 544.735
Accurate Mass: 544.012279
Percentage Composition: C 39.69%; H 3.33%; Cl 6.51%; I 23.30%; N 15.43%; O 11.75%
Biological Use/Importance: Adenosine A_3-receptor agonist
Physical Description: Solid
Melting Point: Mp 206-207°

>>**Derivative:** Dibenzoyl

CAS Registry Number: 163042-90-8
Physical Description: Foam

References:

Kim, H.O. *et al.*, *J. Med. Chem.*, 1994, **37**, 3614-3621, *(synth, pmr, pharmacol, sar)*
Jacobson, K.A. *et al.*, *J. Med. Chem.*, 1995, **38**, 1720-1735, *(pharmacol)*
Pat. Coop. Treaty (WIPO), 1995, *US Dept Health and Human Services*, 95 02 604; *CA*, **123**, 257265q, *(synth, pharmacol)*