

Flavine Adenine Dinucleotide Disodium Salt

Catalog Number: BC-11269

CAS Number: 84366-81-4

Price: [Online Inquiry](#)

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Product Information	
Molecular Formula	C27 H31 N9 O15 P2 . 2 Na
Molecular Weight	829.51
SMILES	[Na+].[Na+].Cc1cc2N=C3C(=O)NC(=O)N=C3N(C[C@H](O)[C@H](O)[C@H](O)COP(=O)([O-])OP(=O)([O-])OC[C@H]4O[C@H]([C@H](O)[C@@H]4O)n5cnc6c(N)ncnc56)c2cc1C
InChi	2*+1/p-2/t14-,15+,16+,19-,20+,21+,26+, =1S/C27H33N9O15P2.2Na/c1-10-3-12-13(4-11(10)2)35(24-18(32-12)25(42)34-27(43)33-24)5-14(37)19(39)15(38)6-48-52(44,45)51-53(46,47)49-7-16-20(40)21(41)26(50-16)36-9-31-17-22(28)29-8-30-23(17)36, /q, , , /m0../s1, /h3-4,8-9,14-16,19-21,26,37-41H,5-7H2,1-2H3,(H,44,45)(H,46,47)(H2,28,29,30)(H,34,42,43),
Alternate Name	FAD sodium salt, 5'-Ester with adenosine riboflavin 5'-(trihydrogen diphosphate) sodium salt (1:2)
Appearance	TRC-F371500-25MG
IUPAC Name	disodium;[[[(2R,3S,4R,5R)-5-(6-aminopurin-9-yl)-3,4-dihydroxy-tetrahydrofuran-2-yl]methoxy-oxido-phosphoryl] [(2R,3S,4S)-5-(7,8-dimethyl-2,4-dioxo-benzo[g]pteridin-10-yl)-2,3,4-trihydroxy-pentyl] phosphate

Properties	
Storage Conditions	-20°C
Shipping Conditions	Room Temperature