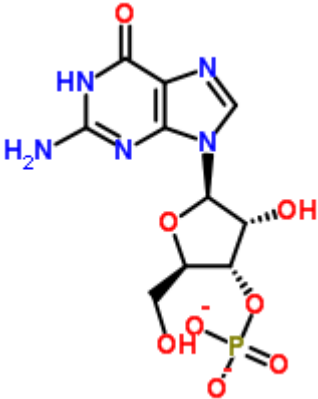


Name	<b>GUANOSINE-3'-PHOSPHATE</b>
Structure	
Systematic name	[(2R,3S,4R,5R)-5-(2-amino-6-oxo-1H-purin-9-yl)-4-hydroxy-2-(hydroxymethyl)tetrahydrofuran-3-yl] phosphate
Formula	C <sub>10</sub> H <sub>12</sub> N <sub>5</sub> O <sub>8</sub> P
MW	361.2047
Monoisotopic mass	361.042348897
Mp	--
H bond acceptors	13
H bond donors	7
Acid pKa	0.78; 5.90 (PO <sub>4</sub> ) 10.16 (amide) 12.6 (4'-OH)
Basic pka	2.60 (N3)
ACD Log D pH 5.5	-5.09
ACD Log D pH 7.4	-6.03
Solubility	water
LD50	--
Therapeutic cat	--
ATC	--
Receptors	--

Nomi commerciali (IT)	