L-Arginine, a natural α-amino acid, is a prominent guanidine compound, which has a significant role in binding to DNA in protein. It is also known that guanidine alkaloids such as saxitoxin and tetrodotoxin are made biosynthetically from arginine. Recently it has been reported that peptides containing many arginines have high cell permeability,\textsuperscript{1)} so applications in medicinal chemistry or biochemistry are expected.


### Guanidinating Reagents

- **1- Amidinopyrazole Hydrochloride** [A2055]
- **N-(tert-Butoxycarbonyl)-1H-pyrazole-1-carboxamidine** [B4028]
- **N-(Carbobenzyloxy)-1H-pyrazole-1-carboxamidine** [C2709]
- **N,N’-Bis(tert-butoxycarbonyl)-1H-pyrazole-1-carboxamidine** [B3619]
- **N,N’-Bis(carbobenzyloxy)-1H-pyrazole-1-carboxamidine** [B3605]

### Bioactive Compounds

- **Metformin Hydrochloride** [M2009]
- **Agmatine Sulfate** [A0310]
- **Sulfaguanidine** [S0464]
- **Famotidine** [F0530]
- **Cimetidine** [C1252]
- **Chlorhexidine** Diacetate [C2511]
- **Chlorhexidine** Dihydrochloride [C1254]
- **Zanamivir Hydrate** [Z0023]
- **Streptomycin Sulfate** [S0585]
Guadinines

Guadinine Blocks

X=1/2H₂CO₃ Guadinine Carbonate [G0161]
X=HCl Guadinine Hydrochloride [G0162]
X=HNO₃ Guadinine Nitrate [G0164]
X=1/2H₂PO₄ Guadinine Phosphate [G0165]
X=1/2H₂SO₄ Guadinine Sulfate [G0166]
X=HSCN Guadinine Thiocyanate [G0230]
X=NH₂SO₃H Guadinine Sulfamate [G0022]

X=HCl 1-Methylguadinine Hydrochloride [M0336]
X=1/2H₂SO₄ 1-Methylguadinine Sulfate [M1691]
X=H₂CO₃ Aminoguanidine Bicarbonate [A0307]
X=1/2H₂SO₄₋ₓH₂O Aminoguanidine Sulfate Hydrate [A0309]
X=HCl Aminoguanidine Hydrochloride [A1129]

H-Arg-OH [A0526]
H-Arg-OH-HCl [A0528]
H-Arg-OMe-2HCl [A2017]
Boc-Arg-OH-HCl Monohydrate [B1626]
Boc-Arg-pNA-HCl [B1497]
Bz-Arg-OET-HCl [B0853]
Z-Arg-OH [C0757]
α,ω-Di-Z-Arg-OH [D1179]
Z-Arg(Z)₂-OH [T0755]
Dnp-Arg-OH [D1040]
Fmoc-Arg(Tos)-OH [F0883]
Fmoc-Arg(Pbf)-OH [F0729]
H-Arg(NO₂)-OH [N0660]
H-Arg(NO₂)-OMe·HCl [N0661]
Tos-Arg-OH [T0684]
Tos-Arg-OMe-HCl [T0330]

H-D-Arg-OH [A1029]
H-D-Arg-OMe-2HCl [A2016]
Boc-D-Arg-OH-HCl Monohydrate [B2204]
Z-D-Arg-OH [C2131]
Fmoc-D-Arg(Pbf)-OH [F0875]

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