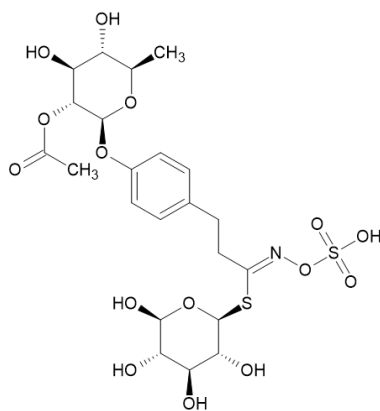


Table S1. The bioactive compounds in *Moringa oleifera*

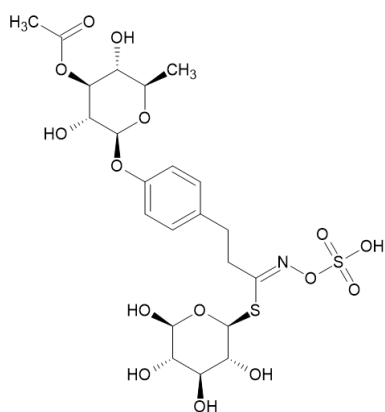
Compound	Chemical structure	Class/Group
Glucomoringin		Benzyl glucosinolate
Glucosinalbin		Alkyl glucosinolate
3-hydroxyglucomoringin		Isothiocyanate

4-(2'-acetyl- α -L-rhamnosyloxy)-
benzyl isothiocyanate



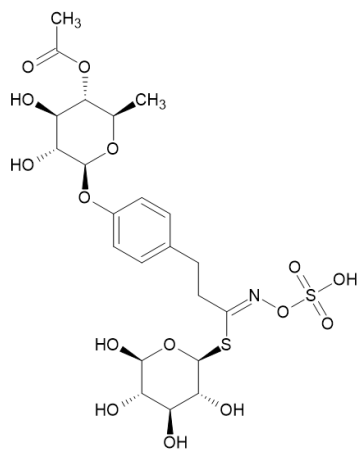
Benzyl isothiocyanate

4-(3'-acetyl- α -L-rhamnosyloxy)-
benzyl isothiocyanate



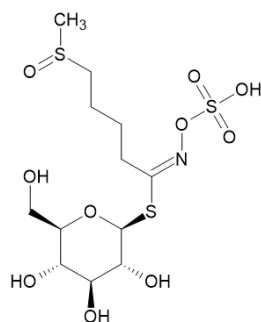
Benzyl isothiocyanate

4-(4'-acetyl- α -L-rhamnosyloxy)-
benzyl isothiocyanate



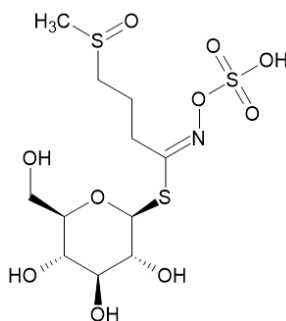
Benzyl isothiocyanate

Glucoraphanin



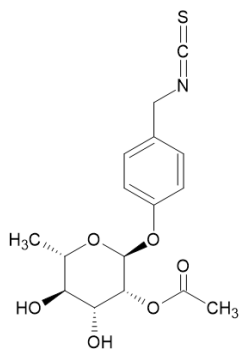
Alkyl glucosinolate

Glucoiberin



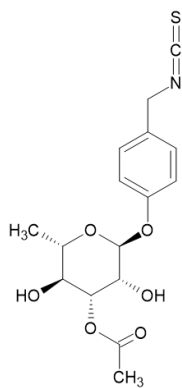
Alkyl glucosinolate

4-[(2'-O-acetyl- α -L-rhamnosyloxy)benzyl] isothiocyanate



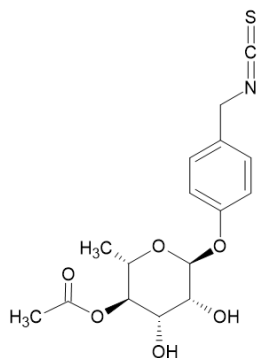
Benzyl isothiocyanate

4-[(3'-O-acetyl- α -L-rhamnosyloxy)benzyl] isothiocyanate



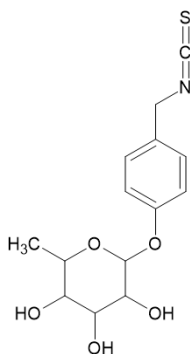
Benzyl isothiocyanate

4-[(4'-O-acetyl- α -L-
rhamnosyloxy)benzyl]
isothiocyanate



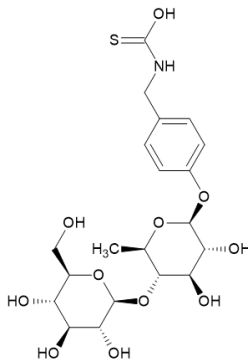
Benzyl isothiocyanate

Moringin



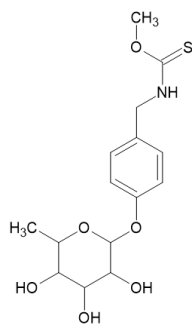
Isothiocyanate

4-[β -D-glucopyranosyl (1 $\rightarrow$ 4)- α -
L-rhamnopyranosyl]benzyl
thiocarboxamide



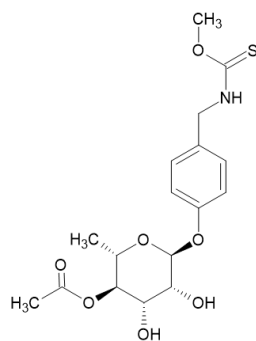
Benzylamine

Niazinin A



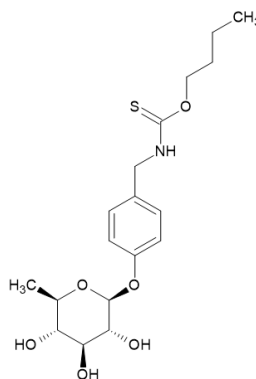
Phenolic glycoside

Niazicin A



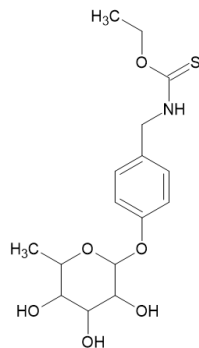
Phenolic glycoside

O-butyl-4-[(α -L-rhamnopyranosyloxy)-benzyl] thiocarbamate (E)



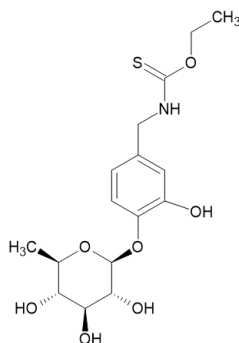
Benzylamine

Niazimicin



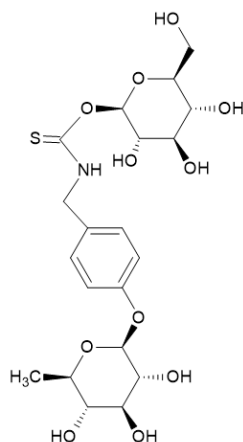
Phenolic glycoside

O-ethyl-4-[(α -L-rhamnopyranosyloxy)-3-hydroxybenzyl] thiocarbamate (E)



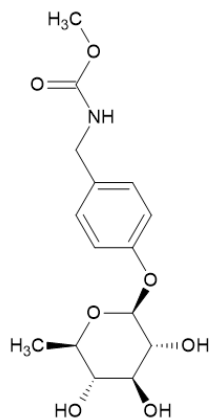
Benzylamine

N-[4-(β -L-rhamnopyranosyl)-
benzyl]-1-O- α -D-glucopyranosyl-
thiocarboxamide



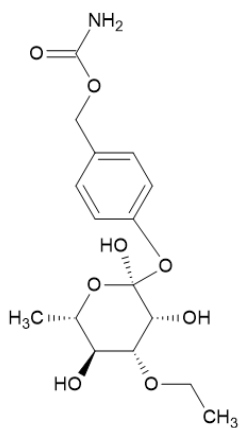
Benzylamine

Methyl N-[4-[(α -L-
rhamnopyranosyl)benzyl]]
carbamate



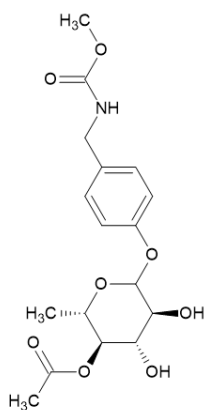
Benzylamine

O-ethyl-4-[(α -L-rhamnosyloxy)-
benzyl] carbamate



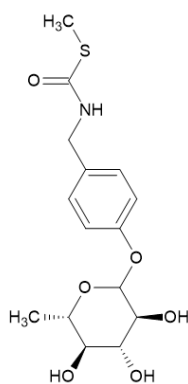
Benzylamine

Methyl N-[4-[(4'-O-acetyl- α -L-rhamnopyranosyl)benzyl]]
carbamate



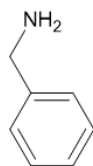
Benzylamine

S-methyl-N-[4-[(α -L-rhamnosyloxy)benzyl]]
thiocarbamate



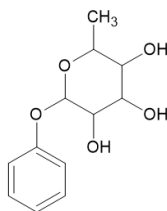
Benzylamine

Moringinine



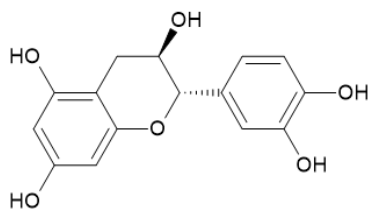
Benzylamine

1-O-phenyl- α -L-rhamnopyranoside



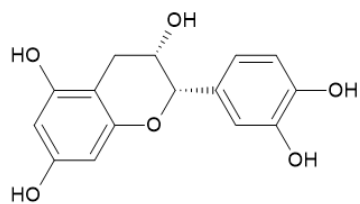
Phenylpropanoid

Catechin



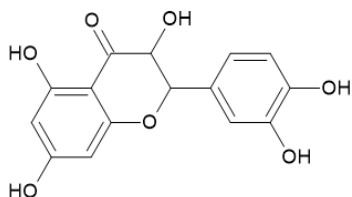
Flavonoid

Epicatechin



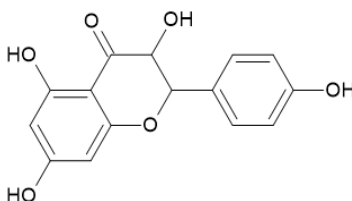
Flavonoid

Quercetin



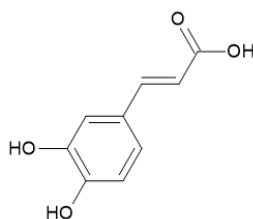
Flavonoid

Kaempferol



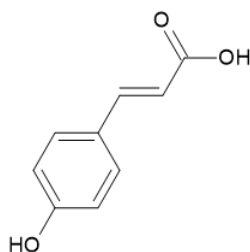
Flavonoid

Caffeic acid



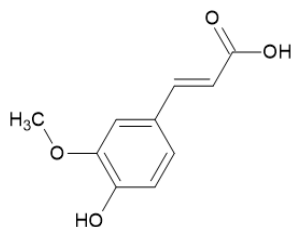
Phenolic compound

P-Coumaric acid



Phenolic compound

Ferulic acid



Benzyl glucosinolate