

Do the compounds have the same molecular formula?

No
⇒ Not isomers

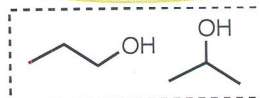
Yes ↓

Isomers

Do the compounds have the same connectivity of atoms?

No

Constitutional isomers



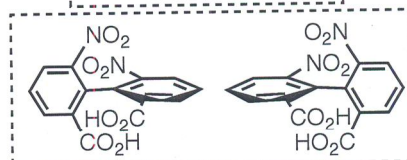
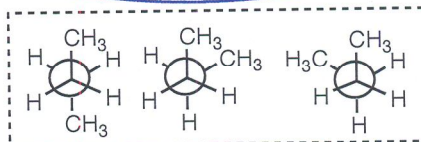
Yes ↓

Stereoisomers

Can the compounds interconvert by rotations along single bonds?

Yes

Conformational isomers

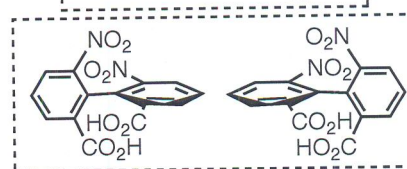
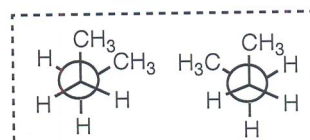


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Are the compounds nonsuperposable mirror images of each other?

Yes

Enantiomers

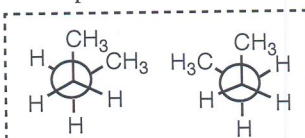


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Do the compounds readily interconvert at ambient temperatures?

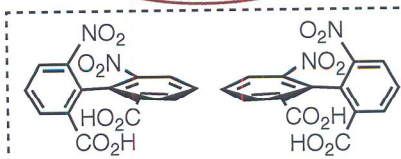
Yes

Their chirality has no consequences at ambient temperatures.



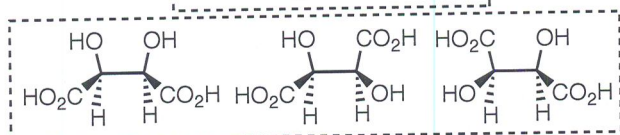
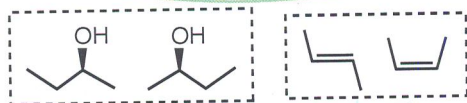
No ↓

Atropisomers



No ↓

Configurational isomers



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Are the compounds nonsuperposable mirror images of each other?

Yes

Enantiomers

No

Diastereomers

