

Forced Degradation

**How do we do Forced
degradation and
What are the
conditions of Forced
degradation?**

Forced Degradation

Forced degradation is done by exposing the drug or medication to extreme physical and chemical conditions.

Forced Degradation

Firstly, the required amount of drug is measured and exposed for mentioned period of time with degradation conditions.

The degradation conditions include Physical and chemical degradation.

After exposure for the mentioned period of time in the degradation conditions, the drug is analysed for any degradation impurities, thereby confirming it's susceptibility to the degradation conditions and analysing it's specificity.

Forced Degradation

Briefing, The exposed drug or medication under degradation conditions, may produce degradants. The produced degradants should not show any interference with the Main compound and it's known impurities.

Forced Degradation

**As we discussed earlier,
the Forced Degradation
is done by Physical
Degradation conditions
and as well as Chemical
degradation conditions .**

The conditions are

Forced Degradation

**Physical Degradation
conditions**

**Thermal Degradation
Photolytic Degradation
Humidity Degradation**

Forced Degradation

**Chemical Degradation
conditions**

**Acid Degradation
Base Degradation
Peroxide Degradation
(Oxidation)
&
Hydrolysis**