

# PHOSPHORYL

*Meaning: Phosphoryl refers to a functional group derived from phosphoric acid, consisting of a phosphorus atom bonded to four oxygen atoms, which is involved in various biochemical processes, including the modification of molecules in cellular signaling and metabolism.*

1. Phosphoryl groups play a crucial role in cellular signaling pathways.
2. The enzyme phosphorylase catalyzes the addition of a phosphoryl group to glucose.
3. In biochemistry, the transfer of a phosphoryl group can activate or deactivate proteins.
4. Researchers are studying how phosphoryl modifications influence enzyme activity.
5. Understanding the mechanisms of phosphoryl transfer is essential for drug development.

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*Source: [sentences.whatistheurl.com](https://sentences.whatistheurl.com)*

*<https://sentences.whatistheurl.com/sentence/phosphoryl>*