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# Protein Phosphorylation Inhibition

National Cancer Institute

## Source

National Cancer Institute. *Protein Phosphorylation Inhibition*. NCI Thesaurus. Code C41600.

Protein Phosphorylation Inhibition involves interference with, or restraint of, enzymatic activities involved in covalent transfer of a phosphate group from ATP to a protein via the action of a kinase. The major phosphoryl acceptors in proteins are serine, threonine, and tyrosine. Typically, such post-translational modifications regulate protein function.