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# Sacubitril

National Cancer Institute

## Source

National Cancer Institute. *Sacubitril*. NCI Thesaurus. Code C152281.

A neprilysin (NEP) inhibitor prodrug with natriuretic activity. Upon administration, sacubitril is metabolized by esterases to its active metabolite, sacubitrilat, which inhibits NEP, a neutral endopeptidase that cleaves natriuretic peptides such as atrial natriuretic peptide (ANP), brain natriuretic peptide (BNP), and c-type natriuretic peptide (CNP), as well as certain vasoconstricting peptides including as angiotensin I and II, and endothelin-1. Additionally, sacubitrilat may inhibit NEP-mediated catabolism of certain peptide-based agents, thereby improving their in vivo stability and increasing tumor cell exposure.