SignalChem

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BTK, Active

Catalog No: B10-10H

BTK (also known as Bruton tyrosine kinase) is a tyrosine kinase, which plays a crucial role in B-lymphocyte differentiation and activation. BTK interacts with SRC homology 3 domains of FYN, LYN and HCK that are activated upon stimulation of B- and T-cell receptors. Defects in the BTK gene cause Agammaglobulinemia, an X-linked immunodeficiency characterized by failure to produce mature B lymphocyte cells and associated with a failure of Ig heavy chain rearrangement. The unique role of BTK makes it a desirable target for potential anti-cancer, anti-inflammatory and anti-viral agents as well as other treatments. SignalChem's recombinant full-length human BTK was expressed by baculovirus in Sf9 insect cells using a N-terminal His tag.

Unique Selling Points

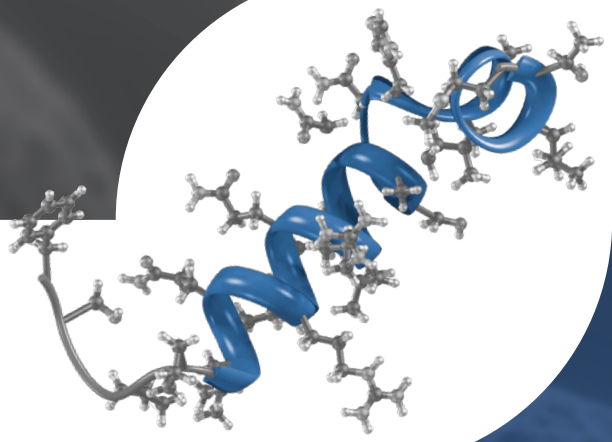
Suitable for Kinase research

Tested for specific activity using 2 assays

90%

Average purity determined to be 90%

Highly active kinase



Competitors

Sino Biological
Biological Solution Specialist

ThermoFisher SCIENTIFIC

ACTIVE MOTIF®

Applications

Enzyme Linked immunosorbent assays

Western blot

Protein Array

Recombinant antibody production

Compound profiling studies