

## Briobacept

## Chemical Properties

CAS No. : 869881-54-9  
Formula:  
Molecular Weight:  
Storage: -20°C for 1 year  
Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Briobacept (BR 3FC), a selective human monoclonal antibody, targets BLYS (BAFF) to induce B-cell apoptosis and is a recombinant glycoprotein comprising two BLYS receptor (BR3) molecules fused to the Fc domain of human IgG1. It has applications in the study of rheumatoid arthritis (RA) [1] [2].
Targets(IC50)	ADC Antibody
In vitro	Briobacept inhibits B cell activation and induces apoptosis by blocking circulating BLYS [3].
In vivo	Briobacept, administered intraperitoneally at a dose of 100 µg/mouse for five consecutive days, suppresses basal NF-κB2 activity in wild-type mice [4]. Additionally, when given thrice weekly for a duration of five weeks, briobacept impedes p52 generation and the progression of spontaneous lupus-like disease in NZB/WF1 mice [4].

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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