

## Prafnosbart

## Chemical Properties

CAS No. : 2566473-71-8

Formula:

Molecular Weight:

Storage: Store at low temperature  
Store at -20°C

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Prafnosbart (DS-6016A) is a humanized monoclonal antibody that specifically targets Activin A Receptor Type 1 (ACVR1/ALK2). By binding to ACVR1, Prafnosbart blocks the binding of Activin A and the subsequent abnormal activation of downstream SMAD1/5/8 signaling pathways, thereby inhibiting the formation of heterotopic ossification (HO). Prafnosbart is primarily used to investigate bone metabolic disorders associated with ACVR1 mutations, such as Fibrodysplasia Ossificans Progressiva (FOP).
Targets(IC50)	ALK

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