

Drotrecogin alfa (activated)

Chemical Properties

CAS No. : 98530-76-8

Formula:

Molecular Weight:

Storage: -20°C for 1 year
Actual storage temperature shall be subject to the COA.

Biological Description

Description	Drotrecogin alfa (activated) (DrotAA), a recombinant human activated protein C (APC), mitigates smoke-induced elevations in pulmonary microvascular permeability and proinflammatory cytokine IL-1 β levels in rats. It also inhibits coagulation and inflammation while enhancing fibrinolysis. Drotrecogin alfa (activated) is applicable in severe sepsis research [1] [2].
Targets(IC50)	Others
In vivo	Drotrecogin alfa (activated) administered intravenously at doses up to 20 mg/kg immediately post smoke exposure markedly reduces smoke inhalation injury in a dose-dependent fashion within 2 hours following the event. At a dose of 20 mg/kg, Drotrecogin alfa (activated) enhances the expiratory phase of pulmonary dynamic compliance [2].

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