

Drotrecogin alfa (activated)

Cat. No.:	HY-112956
CAS No.:	98530-76-8
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Drotrecogin alfa (activated)

BIOLOGICAL ACTIVITY

Description	Drotrecogin alfa activated (DrotAA) is recombinant human activated protein C (APC). Drotrecogin alfa activated prevents smoke-induced increases in pulmonary microvascular permeability and proinflammatory cytokine IL-1 β in rats. Drotrecogin alfa activated inhibits coagulation and inflammation and promotes fibrinolysis. Drotrecogin alfa activated can be used for severe sepsis reearch ^{[1][2]} .
In Vivo	Drotrecogin alfa activated (0-20 mg/kg, IV immediately following smoke exposure, once) significantly attenuates smoke inhalation injury in a dose-dependent manner at 2 hours after insult. Drotrecogin alfa activated (20 mg/kg) has an improvement of the expiration phase of pulmonary dynamic compliance ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lyseng-Williamson KA, et al. Drotrecogin alfa (activated). *Drugs*. 2002;62(4):617-30; discussion 631-2.

[2]. Wong SS, et al. Drotrecogin alfa (activated) prevents smoke-induced increases in pulmonary microvascular permeability and proinflammatory cytokine IL-1beta in rats. *Lung*. 2004;182(6):319-30.

Caution: Product has not been fully validated for medical applications. For research use only.

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