

Vixtimotamab

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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

Biological Description

Description	Vixtimotamab (AMV-564; TandAb T564), a bispecific tetravalent tandem diabody (TandAb), selectively targets human CD33 and CD3 antigens, and is used in acute myeloid leukemia (AML) research [1].
Targets(IC50)	Integrin
In vitro	Vixtimotamab (TandAb T564; 24 h) induces CD25 and CD69 with EC50 values of 1 pM and 2 pM, respectively [1]. Additionally, Vixtimotamab (TandAb T564; 4 days) promotes T-cell proliferation in PBMCs with an EC50 of 3 pM [1]. Furthermore, Vixtimotamab (TandAb T564; 25 pM, 48 h) exhibits cytotoxicity against HL-60 and KG-1a cells [1].
In vivo	Vixtimotamab (TandAb T564; 0.1-10 µg/mouse, i.v.; 5 days) demonstrated a dose-dependent delay in tumor growth in a prophylactic HL-60 xenografted NOD/scid mouse model [1]. Additionally, vixtimotamab (TandAb T564; 50 µg/mouse/d, i.v.; 7 days) significantly inhibited tumor growth in an established HL-60 xenografted NOD/scid mouse model [1].

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