

Product Name:	Lignosulfonic acid sodium salt
Product Number:	L045
CAS Number:	8061-51-6
Description:	Lignosulfonic acid sodium salt is a lignan-derived macromolecule with antiviral activity, effective against HIV and HSV <i>in vitro</i> . Lignosulfonic acid is an entry inhibitor, most effective if used upon pre-treatment.
Mechanism of Action:	Lignosulfonic acid has multiple cellular targets including viral gp120 as well as host receptor CD4 and co-receptors CCR5/CXCR4.
References:	<p>Gordts, S. C., Férir, G., D’Huys, T., Petrova, M. I., Lebeer, S., Snoeck, R., . . . Schols, D. (2015). The Low-Cost Compound Lignosulfonic Acid (LA) Exhibits Broad-Spectrum Anti-HIV and Anti-HSV Activity and Has Potential for Microbicidal Applications. <i>PLoS ONE</i>, 10(7). doi:10.1371/journal.pone.0131219</p> <p>Qiu, M., Wang, Q., Chu, Y., Yuan, Z., Song, H., Chen, Z., & Wu, Z. (2012). Lignosulfonic Acid Exhibits Broadly Anti-HIV-1 Activity – Potential as a Microbicide Candidate for the Prevention of HIV-1 Sexual Transmission. <i>PLoS ONE</i>, 7(4). doi:10.1371/journal.pone.0035906</p>