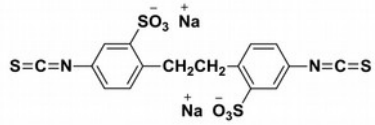
FT-WU4910

H2DIDS

An anion-transport inhibitor that crosslinks hemoglobin interdimerically and enhances oxygen.

Products Information

Name :	**H2DIDS** 4,4'-Diisothiocyanatodihydrostilbene-2,2'-disulfonic acid, disodium salt CAS [150321-88-3]
Catalog Number :	**FP-WU4910**, 100mg
Molecular Weight :	**500.48**
Solubility:	Methanol
$\lambda_{Ex.}$(nm)	286
ε	40,000 $M^{-1}cm^{-1}$



Storage: -20°C Protect from light and moisture

Technical information

Amine-Reactive non-fluorescent analogue of DIDS (#FP-46770A), a CD4 antagonist that blocks HIV type-1 growth at multiple stages of the virus life cycle.

References

Hasdemir B. *et al.*, Characterization of Ca2+ responses to pancreatic juice in primary acinar cells and gene expression profile in tissues from chronic pancreatitis patients of both sexes, *Pancreatology*,18:4, Supplement, pp S124–S125 (2018)

Lepke S. *et al*., A study of the relationship between inhibition of anion exchange and binding to the red blood cell membrane of 4,4′-diisothiocyano stilbene-2,2′-disulfonic acid (DIDS) and its dihydro derivative (H2DIDS), *The Journal of Membrane Biology*, 29 :1, pp 147–177 (1976)

Ordering information

Catalog size quantities and prices may be found at http://www.fluoprobes.com
Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® Hotline : +33(0)4 70 03 73 06

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