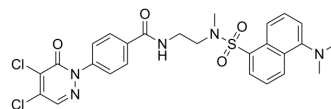


## DG-8

Cat. No.:	HY-153902
Molecular Formula:	C <sub>26</sub> H <sub>25</sub> Cl <sub>2</sub> N <sub>5</sub> O <sub>4</sub> S
Molecular Weight:	574.48
Target:	STAT; Fluorescent Dye
Pathway:	JAK/STAT Signaling; Stem Cell/Wnt; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

<b>Description</b>	DG-8 is a potent inhibitor of STAT3-dependent transcription (IC <sub>50</sub> 0.98 μM). DG-8 is a fluorescent probe that contains a fluorescent dansyl moiety <sup>[1]</sup> .
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## REFERENCES

[1]. Busker S, et al. Irreversible TrxR1 inhibitors block STAT3 activity and induce cancer cell death. *Sci Adv.* 2020 Mar 20;6(12):eaax7945.

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

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