

Product Datasheet

Phrixotoxin 3 TFA (orb1981599)

Catalog Number	orb1981599
Category	Small Molecules
Description	Phrixotoxin 3 TFA is a potent inhibitor of voltage-gated sodium channels, with IC50 values of 0.6 nM for NaV1.2, 42 nM for NaV1.3, 72 nM for NaV1.4, 288 nM for NaV1.1, and 610 nM for NaV1.5. This compound modulates the activity of these channels similarly to traditional gating-modifier toxins, inducing a depolarizing shift in gating kinetics and obstructing the inward sodium current.
Target	Sodium Channel
MW	4173.74
Formula	$C_{178}H_{270}F_3N_{51}O_{50}S_6$
Storage	-20°C
Note	For research use only

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