

Voclosporin

Catalog No: tcsc0026210



Available Sizes

Size: 5mg

Size: 10mg

Size: 25mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

515814-01-4

Formula:

$C_{63}H_{111}N_{11}O_{12}$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

ISAtx-247

Observed Molecular Weight:

1214.62

Product Description

Voclosporin is a **calcineurin** (CN) inhibitor.

IC50 & Target: Calcineurin^[1]

In Vitro: This novel semi-synthetic calcineurin (CN) inhibitor is designated Voclosporin (ISATX247). The efficacy of Voclosporin as an immunosuppressive agent is examined using an in vitro calcineurin assay^[1]. Voclosporin (ISATX247) is a calcineurin inhibitor that has shown more potency than Cyclosporine in vitro^[2].

In Vivo: All animals tolerate Voclosporin (ISATX247) and Cyclosporine A (CsA) very well. There are no severe adverse effects associated with either drug. In the Voclosporin group, all animals except 1 have diarrhea of different durations during the study (mean 2.3 days, range 2 to 7 days). This differs from the CsA and the control groups, where no animals have diarrhea. Mean weight loss at the end of the study is slightly higher in the Voclosporin group than in the CsA and control groups (3.4% vs 2.0% and 1.0%, respectively)^[2].



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