

## TSPO/Carbonic Anhydrase Modulator 1

## Chemical Properties

CAS No. : 3116926-83-8

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	TSPO/Carbonic Anhydrase Modulator 1 (Compound 3) acts as a dual modulator of mitochondrial translocator protein and carbonic anhydrase, with a TSPOKi of 1.340 $\mu$ M and a CAVII KA of 10.7 $\mu$ M. It enhances neurosteroid production, increases BDNF gene expression, and demonstrates neuroprotective activity.
Targets(IC50)	Carbonic Anhydrase

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