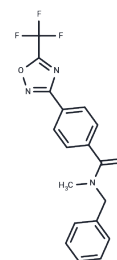


FFK29

Chemical Properties

CAS No. : 1795429-46-7
 Formula: C₁₈H₁₄F₃N₃O₂
 Molecular Weight: 361.32
 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	FFK29 is a synthetic class II HDACi (Histone deacetylase inhibitors) which have recently emerged as novel therapeutic options for treating various protozoan and parasitic diseases. While these HDACi demonstrated a negligible effect on the viability of mature cysts, Acanthamoeba encystation was significantly inhibited by these HDACi. In conclusion, these synthetic HDACi demonstrated potent amoebicidal effects and inhibited the growth and encystation of Acanthamoeba, thus highlighting their enormous potential for further development.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7676 mL	13.8381 mL	27.6763 mL
5 mM	0.5535 mL	2.7676 mL	5.5353 mL
10 mM	0.2768 mL	1.3838 mL	2.7676 mL
50 mM	0.0554 mL	0.2768 mL	0.5535 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481