

Product Information

DPA-714, Purity ≥98%

Cat. No.: X24-09-YM1436

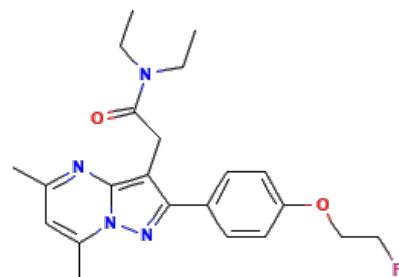
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 958233-07-3

Compound CID: 24895172

Synonym: 958233-07-3; DPA-714; J2.865.885K; DPA714; DPA 714; *N,N*

-Diethyl-2-[2-[4-(2-fluoroethoxy)phenyl]-5,7-dimethylpyrazolo[1,5-a]pyrimidin-3-yl]acetamide



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	DPA-714 is a selective ligand for the translocator protein (TSPO). The molecular weight of the compound is 398.48, and its molecular formula is C ₂₂ H ₂₇ FN ₄ O ₂ .
Molecular Weight	398.48
Molecular Formula	C ₂₂ H ₂₇ FN ₄ O ₂
IUPAC Name	<i>N,N</i> -Diethyl-2-[2-[4-(2-fluoroethoxy)phenyl]-5,7-dimethylpyrazolo[1,5-a]pyrimidin-3-yl]acetamide
InChI	InChI=1S/C22H27FN4O2/c1-5-26(6-2)20(28)14-19-21(17-7-9-18(10-8-17)29-12-11-23)25-27-16(4)13-15(3)24-22(19)27/h7-10,13H,5-6,11-12,14H2,1-4H3
InChI Key	FLZZFWBNYJNHMY-UHFFFAOYSA-N
Canonical SMILES	CCN(CC)C(=O)CC1=C2N=C(C=C(N2N=C1C3=CC=C(C=C3)OCCF)C)C
Form	Lyophilized powder
Purity	≥98%
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade
Applications	DPA-714 can be studied extensively for its potential therapeutic applications in the treatment of neurodegenerative diseases and various psychiatric disorders.
Storage	Store at -20°C, and keep desiccated.