

Product Name	: CRANAD-28
Synonyms	: CRANAD 28; CRANAD28
Cat No.	: M23719
CAS Number	: 1623747-97-6
Molecular Formula	: C ₂₇ H ₂₃ BF ₂ N ₄ O ₂
Formula Weight	: 484.3
Chemical Name	: —
Description	: CRANAD-28 can mark plaques and cerebral amyloid angiopathy. It is a blood-brain barrier (BBB) penetrating two-photon imaging probe.
Pathway	: Others
Target	: Other Targets
Receptor	: Others
Solubility	: —
SMILES	: <chem>[F-][B+3]1(O=C/C=C/C2=C(N(N=C2)C3=CC=CC=C3)C)[CH-]C(/C=C/C4=C(N(N=C4)C5=CC=CC=C5)C)=O1)[F-]</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Zhang X, Tian Y, Yuan P, Li Y, Yaseen MA, Grutzendler J, Moore A, Ran C. A bifunctional curcumin analogue for two-photon imaging and inhibiting crosslinking of amyloid beta in Alzheimer's disease. Chem Commun (Camb). 2014 Oct 9;50(78):11550-3. doi: 10.1039/c4cc03731f. PubMed PMID: 25134928; PubMed Central PMCID: PMC4617557.