
Product Name	: DAN 004
Synonyms	: DAN004; DAN-004
Cat No.	: M17098
CAS Number	: □
Molecular Formula	: C ₂₆ H ₂₈ BrN ₃ O ₂
Formula Weight	: 494.43
Chemical Name	: (S)-N-(1-((3-aminopropyl)(4-bromobenzyl)amino)-1-oxo-3-phenylpropan-2-yl)benzamide
Description	: A small molecule Bax inhibitor that inhibits Bax/Bak oligomerization and prevents mitochondrial outer membrane permeabilization (MOMP) with IC ₅₀ of 0.7 uM; potently inhibits Bax/Bak-mediated apoptosis in HCT-116, BMK Cells, and primary cortical neurons, protects primary neurons against glutamate excitotoxicity.
Pathway	: Angiogenesis
Target	: Bcl-2
Receptor	: Bcl-2
Solubility	: —
SMILES	: O=C(N[C@H](C(N(CCCN)CC1=CC=C(Br)C=C1)=O)CC2=CC=CC=C2)C3=CC=CC=C3
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Cell Chem Biol. 2017 Apr 20;24(4):493-506.e5.