



Product Information

JNK-c-Jun inhibitor AEG 3482, Purity $\geq 98\%$

Cat. No.: X23-10-ZQ934

Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 63735-71-7

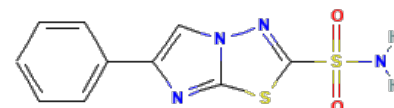
Compound CID: 698112

Synonym: 63735-71-7; AEG 3482; AEG-3482; AEG3482;

6-Phenylimidazo(2,1-b)-1,3,4-thiadiazole-2-sulfonamide;

6-Phenylimidazo[2,1-b][1,3,4]thiadiazole-2-sulfonamide; JNK-c-Jun inhibitor

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



Product Information

Description	AEG 3482 is an inhibitor of c-jun N-terminal kinase (JNK) signaling.
Molecular Weight	280.33
Molecular Formula	C ₁₀ H ₈ N ₄ O ₂ S ₂
IUPAC Name	6-Phenylimidazo[2,1-b][1,3,4]thiadiazole-2-sulfonamide
InChI	InChI=1S/C10H8N4O2S2/c11-18(15,16)10-13-14-6-8(12-9(14)17-10)7-4-2-1-3-5-7/h1-6H,(H2,11,15,16)
InChI Key	MQUYTXDAVCOCMX-UHFFFAOYSA-N
Canonical SMILES	C1=CC=C(C=C1)C2=CN3C(=N2)SC(=N3)S(=O)(=O)N
Form	Lyophilized powder
Purity	$\geq 98\%$
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	AEG 3482 is applied in studies examining the inhibition of JNK and its role in inflammatory responses and apoptosis signaling pathways.
Storage	Store at -20°C.