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## Product Datasheet

### Icilin, CAS [[36945-98-9]] FBM-10-4380

Article Name	Icilin, CAS [[36945-98-9]]
Biozol Catalog Number	FBM-10-4380
Supplier Catalog Number	10-4380
Alternative Catalog Number	FBM-10-4380-10MG,FBM-10-4380-50MG
Manufacturer	Focus Biomolecules
Category	Biochemikalien
Product Description	TRPM8 inhibitor...
Molecular Weight	311.29
Purity	>98% by TLC [5% methanol in methylene chloride, Rf = 0.40]
Form	Yellow solid
CAS Number	[36945-98-9]
Formula	C16H13N3O4
Application Notes	Icilin is an agonist of cold-sensitive TRP channels with 2.5-fold greater efficacy and 200-fold greater potency than menthol (EC50 = 0.36 $\mu$ M for CRM1, rat orthologue of TRPM8). <sup>1</sup> Agonist at TRPM8 (EC50 = 0.2 $\mu$ M) <sup>2</sup> and ANKTM1(TRPA1) <sup>3</sup> . Agonist effects require Ca <sup>2+</sup> and are pH dependent. <sup>2,4</sup> Icilin induced G1 arrest in PC-3 prostate cancer cells without cell death. <sup>5</sup>