abcam

ab120759

Xylazine hydrochloride, alpha2 Adrenoceptor agonist

Key facts

CAS number	23076-35-9
Purity	> 99%
Form	Solid
Molecular weight	256.79 g/mol
Nature	Synthetic
Solubility	Soluble in water to 100 mM.
Biological description	α_2 Adrenoceptor agonist (IC_{50} = 68.2 nM). K_i values for receptor subtypes are 1570 (α_{2A}), 1360 (α_{2B}), 1200 (α_{2C}) and 1460 nM (α_{2D}). Activates K_{ATP} channels through the NO/cGMP pathway. Displays anaesthetic, antinociceptive and muscle relaxatory actions.
IUPAC name	N-(2,6-Dimethylphenyl)-5,6-dihydro-4H-1,3-thiazin-2-amine hydrochloride

Target data

See full target information Xylazine hydrochloride, alpha2 Adrenoceptor agonist

Storage

Shipped at conditions	Ambient - Can Ship with Ice
Appropriate short-term storage conditions	-20°C
Appropriate long-term storage conditions	-20°C

Storage information	Store under desiccating conditions, The product can be stored for up to 12 months

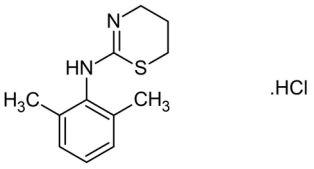
Product promise

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

1 product image



Chemical Structure - Xylazine hydrochloride, alpha2 Adrenoceptor agonist (ab120759)

2D chemical structure image of ab120759, Xylazine hydrochloride, alpha2Adrenoceptor agonist

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