

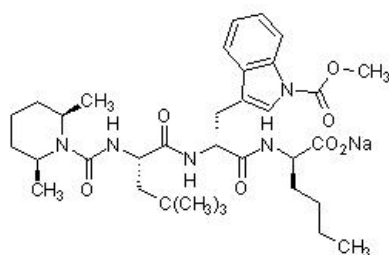
Product datasheet

BQ 788 sodium salt, ETB receptor antagonist ab144504

[1 References](#) [1 Image](#)

Overview

Product name	BQ 788 sodium salt, ETB receptor antagonist
Description	Highly potent, selective ET _B receptor antagonist
Biological description	Highly potent, selective ET _B receptor antagonist (IC ₅₀ values are 1.2 and 1300 nM for ET-1 binding to ET _B and ET _A , respectively). Inhibits ET-1 induced vasoconstriction, bronchoconstriction and cell proliferation. Shows antitumor effects.
Purity	> 98%
CAS Number	156161-89-6
Chemical structure	



Properties

Chemical name	<i>N</i> -[[[(2 <i>R</i> ,6 <i>S</i>)-2,6-Dimethyl-1-piperidiny]carbonyl]-4-methyl-L-leucyl-1-(methoxycarbonyl)-D-tryptophyl-D-norleucine sodium salt
Molecular weight	663.79
Molecular formula	C ₃₄ H ₅₀ N ₅ NaO ₇
PubChem identifier	23693553
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 5 mM and in DMSO to 5 mM
Handling	<p>This product is supplied in one (or more) pack size which is freeze dried. Therefore the contents may not be readily visible, as they can coat the bottom or walls of the vial. Please see our FAQs and information page for more details on handling.</p> <p>Solvents listed may be unsuitable for use in biological experiments. These solvents are intended to enable solubilisation and mixing of components. We recommend that biologically unsuitable</p>

solvents are removed prior to solubilisation in experimental media.

Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

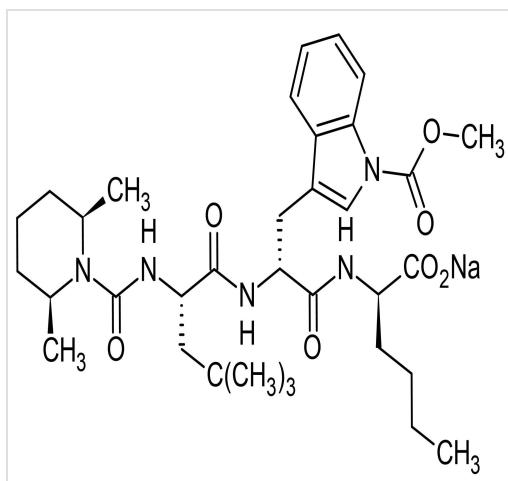
SMILES

C[C@H]3CCCC[C@@H](C)N3C(=O)N[C@@H](CC(C)(C)C)C(=O)N[C@H](Cc2cn(C(C)=O)c1cccc12)C(=O)N[C@H](CCCC)C(=O)O[Na]

Source

Synthetic

Images



2D chemical structure image of ab144504, BQ 788 sodium salt, ETB receptor antagonist

Chemical Structure - BQ 788 sodium salt, ET_B receptor antagonist (ab144504)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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