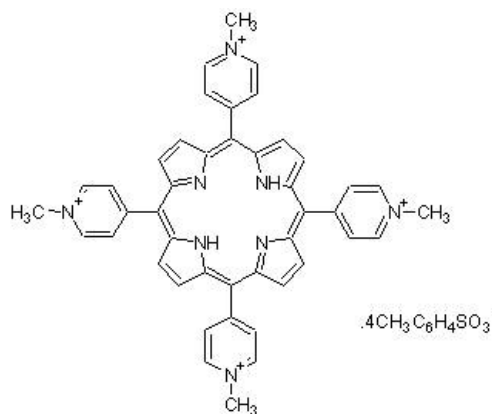


### TMPyP4 tosylate, Telomerase inhibitor ab120793

2 References [画像数 2](#)

#### 製品の概要

製品名	TMPyP4 tosylate, Telomerase inhibitor
製品の詳細	Telomerase inhibitor. Binds and stabilizes DNA G-quadruplexes.
精製度	> 94%
CAS 番号	36951-72-1
構造式	



#### 製品の特性

体系名	5,10,15,20-Tetrakis(1-methylpyridinium-4-yl)porphyrin tetra( <i>p</i> -toluenesulfonate)
分子量	1363.60
分子式	C <sub>72</sub> H <sub>66</sub> N <sub>8</sub> O <sub>12</sub> S <sub>4</sub>
保存方法	Store at -20°C. It is important to note that this product is reported to be light sensitive. Store In the Dark. Store under desiccating conditions.
溶解性	Soluble in water to 100 mM
使用に関する注意	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.  Refer to SDS for further information.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked</a>

[questions \(FAQ\) page](#) for more details.

由来

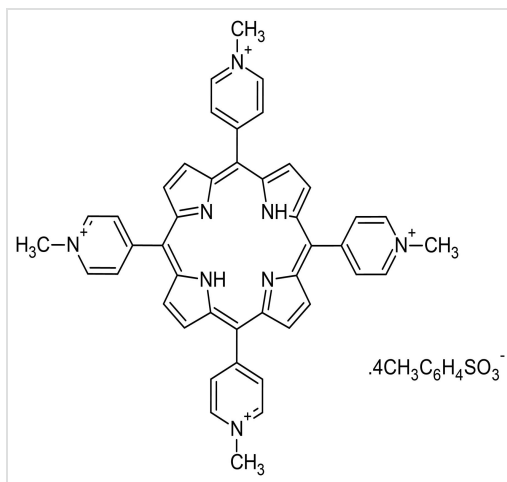
Synthetic

## アプリケーション

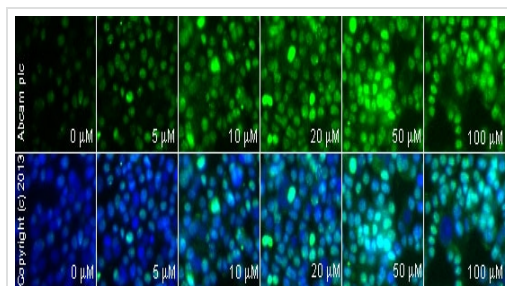
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab120793の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

## 画像



2D chemical structure image of ab120793, TMPyP4 tosylate,  
Telomerase inhibitor



**ab2893** staining ?H2A.X in weri cells treated with TMPyP4 tosylate (ab120793), by ICC/IF. Increase of ?H2A.X nuclear expression correlates with increased concentration of TMPyP4 tosylate, as described in literature.

The cells were incubated at 37°C for 24 hours in media containing different concentrations of ab120793 (TMPyP4 tosylate ) in DMSO, fixed with 4% formaldehyde for 10 minutes at room temperature and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab2893** (1 μg/ml) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 anti-rabbit polyclonal antibody (**ab96899**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

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

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