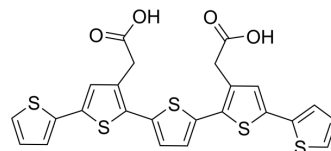


## p-HTAA

Cat. No.:	HY-148548
CAS No.:	1175142-38-7
Molecular Formula:	C <sub>24</sub> H <sub>16</sub> O <sub>4</sub> S <sub>5</sub>
Molecular Weight:	528.71
Target:	Amyloid- $\beta$
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

Description	p-HTAA is a pentamer hydrogen thiophene acetic acid. p-HTAA specifically labels A $\beta$ deposits in the mice living brain <sup>[1]</sup> .
In Vivo	After the iv injection of p-HTAA, the staining of the A $\beta$ deposits are seen in characteristic green color in ex vivo fluorescence images of cerebral amyloid plaques in brain cryosections from APP/PS1 mice <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Aslund A, et al. Novel pentameric thiophene derivatives for in vitro and in vivo optical imaging of a plethora of protein aggregates in cerebral amyloidoses. ACS Chem Biol. 2009 Aug 21;4(8):673-84.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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