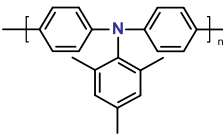
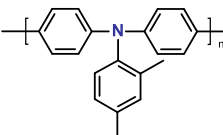
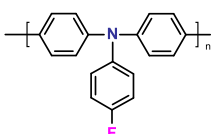
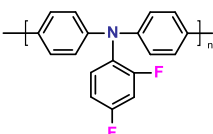
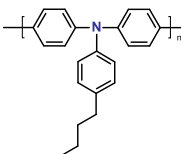


Poly(TriArylAmine)-PTAA

Polytriarylamines (PTAAs) are highly soluble amorphous semiconducting polymers. The nitrogen atoms in the polymer backbone limit delocalization of π electrons between adjacent phenyl units and resulting in low lying HOMO energy levels and excellent oxidative stability. Recently, they have been found of great use in strategically boosting the performance of PEROVSKITE solar cells. 1M has reproduced the following PTAAs constantly for your research and development needs.

<i>IM Code</i>	<i>Common Name</i>	<i>Structure</i>	<i>Remarks</i>
PH0999	PTAA-3Me		CAS# 1333317-99-9 Mw ~ 40K Natural linen HOMO -5.25eV // LUMO -2.30eV
PH0100	PTAA-2Me		CAS# 313996-10-0 Mw ~ 30K Ivory HOMO -5.14eV // LUMO -2.19eV
PH0648	PTAA-F		CAS# 618108-64-8 Mw ~ 25K Beige
PH0104	PTAA-2F,		CAS# 1414662-10-4 Mw ~ 20K Beige to light yellow HOMO -5.63eV // LUMO -2.56eV
PH0353	Poly-TPD		CAS# 472960-35-3
PH0299	PTAA-Butyl		Mw ~ 50K White linen
PE0299			HOMO -5.2eV // LUMO -2.3eV

Other similar PTAAs are also available, please contact info@1-material.com for more information

Organic Nano Electronic (ONE=1) materials for these who understand quality